



DGTL11003 *User Experience Design*

Term 2 - 2020

Profile information current as at 20/04/2024 06:07 pm

All details in this unit profile for DGTL11003 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

User experience design is the practice of designing interactive digital products, services, environments and systems with the aim of supporting and enhancing the user experience. This unit provides an introduction to theories, principles and methods of user experience design. It addresses activities such as conceptualising, designing, prototyping and evaluating interactive products.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

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 2 - 2020

- Brisbane
- Bundaberg
- Cairns
- Mackay
- Noosa
- Online
- Rockhampton
- 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).

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. **Practical and Written Assessment**

Weighting: 30%

2. **Practical and Written Assessment**

Weighting: 30%

3. **Practical and Written Assessment**

Weighting: 40%

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 Feedback from students and staff

Feedback

Students seemed to appreciate the change of software from Pencil to Adobe XD for prototyping activities.

Recommendation

Continue to use Adobe XD for software prototyping activities.

Unit Learning Outcomes

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

1. Explain theories, principles and methods of user experience design
2. Identify needs and establish requirements for the user experience
3. Gather, analyse and interpret data from user experience design activities
4. Design a conceptual model or prototype for an interactive product, applying theories, principles and methods of user experience design
5. Evaluate an interactive product in terms of the theories and principles of user experience design

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 - Practical and Written Assessment - 30% | • | | | | • |
| 2 - Practical and Written Assessment - 30% | • | • | • | • | • |
| 3 - Practical and Written Assessment - 40% | • | • | • | • | • |

Alignment of Graduate Attributes to Learning Outcomes

| Graduate Attributes | Learning Outcomes | | | | |
|-----------------------|-------------------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| 1 - Communication | • | • | • | • | • |
| 2 - Problem Solving | • | • | • | • | • |
| 3 - Critical Thinking | • | • | • | • | • |

| Graduate Attributes | Learning Outcomes | | | | |
|---|-------------------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| 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 - Practical and Written Assessment - 30% | • | • | • | • | | • | • | | | |
| 2 - Practical and Written Assessment - 30% | • | • | • | • | | • | • | • | | |
| 3 - Practical and Written Assessment - 40% | • | • | • | • | | • | • | • | | |

Textbooks and Resources

Textbooks

DGTL11003

Prescribed

Interaction Design: Beyond Human-Computer Interaction

5th edition (2019)

Authors: Jenny Preece, Yvonne Rogers and Helen Sharp

John Wiley & Sons

Indianapolis , Indiana , USA

ISBN: 978-1119547259

Binding: Paperback

Additional Textbook Information

Students are not expected to buy this textbook. An electronic version of this textbook can be freely accessed through the CQUniversity Library.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- Adobe Acrobat Reader (free browser plug-in)
- Adobe Photoshop or similar image-editing software
- Google Chrome
- Microsoft Word
- Mozilla Firefox
- Adobe XD

Referencing Style

All submissions for this unit must use the referencing style: [Harvard \(author-date\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Steven Pace Unit Coordinator

s.pace@cqu.edu.au

Schedule

Week 1 - 13 Jul 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|---|-----------------------|------------------------------|
| 1. Introduction to user experience design | Study Guide chapter 1 | |

Week 2 - 20 Jul 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------------------------------|-----------------------|------------------------------|
| 2. The process of interaction design | Study Guide chapter 2 | |

Week 3 - 27 Jul 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|--------------------------------|-----------------------|------------------------------|
| 3. Conceptualising interaction | Study Guide chapter 3 | |

Week 4 - 03 Aug 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|----------------------|-----------------------|------------------------------|
| 4. Cognitive aspects | Study Guide chapter 4 | |

Week 5 - 10 Aug 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|-------------------------------------|-----------------------|---|
| 5. Social and emotional interaction | Study Guide chapter 5 | Interface evaluation Due: Week 5 Friday (14 Aug 2020) 9:00 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 |
|---------------|-----------------------|------------------------------|
| 6. Interfaces | Study Guide chapter 6 | |

Week 7 - 31 Aug 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|-------------------|-----------------------|------------------------------|
| 7. Data gathering | Study Guide chapter 7 | |

Week 8 - 07 Sep 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|---|-----------------------|------------------------------|
| 8. Data analysis, interpretation and presentation | Study Guide chapter 8 | |

Week 9 - 14 Sep 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|---------------|-----------------------|---|
| 9. Evaluation | Study Guide chapter 9 | Data gathering and analysis Due: Week 9 Friday (18 Sept 2020) 9:00 pm AEST |

Week 10 - 21 Sep 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|------------------------------|------------------------|------------------------------|
| 10. Discovering requirements | Study Guide chapter 10 | |

Week 11 - 28 Sep 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|--|------------------------|------------------------------|
| 11. Design, prototyping and construction | Study Guide chapter 11 | |

Week 12 - 05 Oct 2020

| Module/Topic | Chapter | Events and Submissions/Topic |
|------------------------------------|------------------------|--|
| 12. Interaction design in practice | Study Guide chapter 12 | Interactive prototype Due: Week 12 Friday (9 Oct 2020) 9:00 pm AEST |

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

REQUIRED RESOURCES

You must have access to the following resources for this unit of study.

UNIT WEBSITE

The unit website provides essential resources for the unit such as a Study Guide and an online discussion forum. It can be accessed at moodle.cqu.edu.au

STUDY GUIDE

The online Study Guide will direct you to all of the essential readings, videos, activities, and discussion questions for each module of the unit. The Study Guide is available in Adobe Portable Document Format (PDF) from the unit website.

DISCUSSION FORUM

An online discussion forum will be provided through the unit website for discussing matters that relate to the unit. The discussion forum is the primary means of support for off-campus students who want assistance with tutorial exercises and assignments.

WORD PROCESSOR

You will need a word processor such as Microsoft Word for writing parts of your assignments.

ADOBE ACROBAT READER

You will need Adobe Acrobat Reader, which is a free program that lets you view, navigate and print PDF documents like the DGTL11003 Study Guide. Adobe Acrobat Reader can be downloaded from the Adobe website at www.adobe.com

AUDIO RECORDER

You will need an audio recorder that is capable of saving a voice recording as an M4A or MP3 file for one of the assignments. Many mobile phones, tablet computers and laptop computers have a built-in audio recorder that can be used for this purpose.

ADOBE XD

You will need Adobe XD, a software tool for designing and prototyping user experiences for web and mobile applications. Adobe XD is available in the on-campus digital media labs. It can also be freely downloaded for both Windows 10 and macOS from the Adobe website at www.adobe.com/au/products/xd.html. To install and use Adobe XD, you need Windows 10 Fall Creators Update 64-bit (version 1709 build 10.0.16299) or later, or macOS 10.13 or later.

IMAGE EDITOR

You will need an image editor, preferably a recent version of Adobe Photoshop. Photoshop is available in the on-campus digital media labs. It can also be purchased at a discounted education price as part of the Adobe Creative Cloud subscription from the Adobe website at www.adobe.com.au.

WEB BROWSERS

You will need a recent version of Google Chrome (www.google.com/chrome) and Mozilla Firefox (www.mozilla.com) to explore the Web and test the prototypes that you create. Off-campus students are encouraged to install the latest versions of these browsers. On-campus students may use whichever versions are installed in their local computer lab.

Assessment Tasks

1 Interface evaluation

Assessment Type

Practical and Written Assessment

Task Description

This assignment requires you to evaluate a website and prepare an evaluation report. Please refer to the unit website for the assignment details.

Assessment Due Date

Week 5 Friday (14 Aug 2020) 9:00 pm AEST

Return Date to Students

2 weeks after submission

Weighting

30%

Assessment Criteria

Please refer to the unit website for the detailed assessment criteria.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Please refer to the unit website for assignment submission instructions.

Learning Outcomes Assessed

- Explain theories, principles and methods of user experience design
- Evaluate an interactive product in terms of the theories and principles of user experience design

Graduate Attributes

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

2 Data gathering and analysis

Assessment Type

Practical and Written Assessment

Task Description

This assignment requires you to demonstrate skills in data gathering, analysis, interpretation and presentation. You must: invite a volunteer to perform a task on a website while using the think-aloud technique; collect data about the user's experience by making an audio recording of what they say during the task; transcribe the recording; code the transcript for significant incidents; and write a report that presents your findings. Please refer to the unit website for the assignment details.

Assessment Due Date

Week 9 Friday (18 Sept 2020) 9:00 pm AEST

Return Date to Students

2 weeks after submission

Weighting

30%

Assessment Criteria

Please refer to the unit website for the detailed assessment criteria.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Please refer to the unit website for assignment submission instructions.

Learning Outcomes Assessed

- Explain theories, principles and methods of user experience design
- Identify needs and establish requirements for the user experience
- Gather, analyse and interpret data from user experience design activities
- Design a conceptual model or prototype for an interactive product, applying theories, principles and methods of user experience design
- Evaluate an interactive product in terms of the theories and principles of user experience design

Graduate Attributes

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

- Cross Cultural Competence
- Ethical practice

3 Interactive prototype

Assessment Type

Practical and Written Assessment

Task Description

This assignment requires you to create a user persona, a navigation map, and an interactive prototype for a website or mobile application for a fictitious business. You are also required to write a report that explains your design decisions. Please refer to the unit website for the assignment details.

Assessment Due Date

Week 12 Friday (9 Oct 2020) 9:00 pm AEST

Return Date to Students

2 weeks after submission

Weighting

40%

Assessment Criteria

Please refer to the unit website for the detailed assessment criteria.

Referencing Style

- [Harvard \(author-date\)](#)

Submission

Online

Submission Instructions

Please refer to the unit website for assignment submission instructions.

Learning Outcomes Assessed

- Explain theories, principles and methods of user experience design
- Identify needs and establish requirements for the user experience
- Gather, analyse and interpret data from user experience design activities
- Design a conceptual model or prototype for an interactive product, applying theories, principles and methods of user experience design
- Evaluate an interactive product in terms of the theories and principles of user experience design

Graduate Attributes

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