

Profile information current as at 29/07/2024 04:05 pm

All details in this unit profile for PPMP20009 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

Leading Lean Projects will develop your hard and soft skills in project management methodologies and core principles of the lean approach in project management. You will discover the evolving nature of lean principles and explore how project management concepts can be embedded in a continuous improvement initiative. You will learn about leadership competencies that are crucial for delivering successful projects. You will be presented with case studies that highlight the methodologies and lean principles and how they can affect project outputs and outcomes. You will familiarise yourself with the use of common management control systems to illustrate how to successfully lead and deliver lean transformations for projects.

Details

Career Level: Postgraduate

Unit Level: Level 9 Credit Points: 6

Student Contribution Band: 10

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 - 2024

- Brisbane
- Melbourne
- Online
- 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 Postgraduate 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: 40%

2. Written Assessment

Weighting: 40% 3. **Online Quiz(zes)** Weighting: 20%

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 <u>University's Grades and Results Policy</u> 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 <u>CQUniversity Policy site</u>.

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 Unit Evaluation - Student responses

Feedback

Students found the unit engaging and well structured, with the right balance of individual and group work.

Recommendation

Continue to ensure that the unit is structured to support optimum student experience.

Feedback from Unit Evaluation - Student responses

Feedback

Teaching staff demonstrated commitment to providing an enriching and supportive environment for students.

Recommendation

Continue to encourage a learning environment that is engaging and supportive.

Feedback from Unit Evaluation - Student responses

Feedback

Some students noted that they found the first assessment difficult. This assessment requires students to observe a process in a workplace.

Recommendation

Students are informed that if they are not currently working they can approach any organisation to complete the first assessment. They are also encouraged to use this as an opportunity to engage with organisations within the industry they would like to work. This advice will continue to be provided to students and tutors will continue to emphasize this in their classes.

Unit Learning Outcomes

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

- 1. Review lean transformation framework by explaining lean approaches, project lifecycle and change management
- 2. Compare and contrast project management methodologies
- 3. Examine leadership competencies for successful delivery of projects
- 4. Determine management control systems for lean process capabilities
- 5. Explain the processes and techniques to acquire, develop and manage project teams.

This unit will satisfy one of the requirements for Australia Computer Society (ACS) accreditation in the postgraduate ICT courses.

The unit might also contribute to the required number of academic study units for students wishing to undertake profession certification with the Project Management Institute's (PMI) professional qualifications, such as CAPM or PMP. The ACS recognises the Skills Framework for the Information Age (SFIA). SFIA is in use in over 100 countries and provides a widely used and consistent definition of ICT skills. SFIA is increasingly being used when developing job descriptions and role profiles. ACS members can use the tool MySFIA to build a skills profile at https://www.acs.org.au/professionalrecognition/mysfia-b2c.html

This unit contributes to the following workplace skills codes as defined by SFIA:

- Business Analysis (BUAN),
- Project Management (PRMG),
- Stakeholder Relationship Management (RLMT),
- Systems Integration (SINT),
- Change Management (CHMG),
- Release and Deployment (RELM),
- IT Operations (ITOP),
- Problem Management (PBMG).

N/A Level Introductory Intermediate Level Graduate Level Advanced Level Level						
Alignment of Assessment Tasks to Learning Outcomes						
Assessment Tasks	Learning Outcomes					
	1	2	3	4	5	
1 - Written Assessment - 40%	•	•				
2 - Written Assessment - 40%			•	•		
3 - Online Quiz(zes) - 20%	•	•	•	•	•	
Alignment of Graduate Attributes to Learning Outcomes						
Graduate Attributes	-					
	1	2	3	4	5	
1 - Knowledge	o	o		o		
2 - Communication	o	0	o	0	0	
3 - Cognitive, technical and creative skills	o	o		o	o	
4 - Research		o	0			
5 - Self-management						
6 - Ethical and Professional Responsibility			o		٥	
7 - Leadership			o		0	
8 - Aboriginal and Torres Strait Islander Cultures						
Alignment of Assessment Tasks to Graduate A	Attributes					
Assessment Tasks	Graduate Attributes					
	1 2	3	4 5	6	7 8	
1 - Written Assessment - 40%	0 0	0	0			
2 - Written Assessment - 40%	0 0	o	o	o		
3 - Online Quiz(zes) - 20%	0 0	o	0	0		

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Textbooks and Resources

Textbooks

There are no required textbooks.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)
- CQUniversity Library Resources
- E-reading List
- Online databases (e.g. Emerald and ScienceDirect) for journal articles

Referencing Style

All submissions for this unit must use the referencing style: <u>Harvard (author-date)</u> For further information, see the Assessment Tasks.

Teaching Contacts

Ashkan Memari Unit Coordinator

a.memari@cqu.edu.au

Schedule

Week 1 - 08 Jul 2024		
Module/Topic	Chapter	Events and Submissions/Topic
INTRODUCTION TO LEAN MANAGEMENT	Outline • What is Lean? • Lean concepts • Why Lean? • What is Six Sigma? • Lean Six Sigma Reading material • To be provided on the Moodle website	 Ice breaking and unit details Expectations and overview Lecture 1 Tutorial 1
Week 2 - 15 Jul 2024		
Module/Topic	Chapter	Events and Submissions/Topic
LEAN FRAMEWORK IN PROJECT MANAGEMENT	Outline • Lean concepts in project management • Lean framework in project management • Change management framework Reading material • To be provided on the Moodle website	• Lecture 2 • Tutorial 2
Week 3 - 22 Jul 2024		
Module/Topic	Chapter	Events and Submissions/Topic

LEAN AND VALUE MANAGEMENT	Outline • Understanding value • The seven wastes • Sources of waste • Value stream mapping • Process improvement Reading material • To be provided on the Moodle website	Lecture 3Tutorial 3
Week 4 - 29 Jul 2024		
Module/Topic LEAN THINKING AND PROJECT MANAGEMENT METHODOLOGIES	Chapter Outline • What is a project management methodology? • Characteristics of project life cycles • Project life cycle selection • Overview of PMBOK and PRINCE2 Reading material • To be provided on the Moodle website	Events and Submissions/TopicLecture 4Tutorial 4
Week 5 - 05 Aug 2024		
Module/Topic AGILE PROJECT MANAGEMENT AND LEAN METHODOLOGIES	Chapter Outline • Agile vs traditional project management • Agile principles • Agile life cycles • Agile methods • Value stream mapping Reading material • To be provided on the Moodle website	 Lecture 5 Tutorial 5 Groups for Assessment 2 must be formed in Week 5 All students must attend their tutorial class to be included in a group.
Vacation Week - 12 Aug 2024		
Module/Topic	Chapter	Events and Submissions/Topic Events and Submissions/Topic Make-up classes may be scheduled during this week if necessary. Assessment 1 - Case Study Due: Vacation Week Monday (1 April 2024) 8:00 am AEST Assessment 1 - Case Study Due: Vacation Week Monday (12 Aug 2024) 8:00 am AEST
Week 6 - 19 Aug 2024		
Module/Topic	Chapter	Events and Submissions/Topic
LEADERSHIP COMPETENCIES FOR LEAN PROJECT MANAGEMENT	Outline • The role of a project manager • Competencies of a project manager • Differences between leadership and management • Leadership styles • Conflict management Reading material • To be provided on the Moodle website	 Lecture 6 Tutorial 6 Assessment 2 question 1 will be attempted in Week 6 tutorials. All group members must attend the tutorial to commence question 1 in class and receive marks.
Week 7 - 26 Aug 2024		
Module/Topic	Chapter	Events and Submissions/Topic

TEAM COMPETENCIES FOR AGILE PROJECT MANAGEMENT	 Dynamics of team performance Situational leadership for teams Servant leader approach The role of a project manager in an Agile environment The role of a team member in an Agile environment Agile mindset Agile roles Agile techniques Reading material To be provided on the Moodle website 	 Lecture 7 Tutorial 7 Assessment 2 Question 2 will be completed and Assessment 3 will be initiated in Week 7 tutorials All group members must attend the tutorial to complete question 2 in class to receive marks.
Week 8 - 02 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
PROJECT QUALITY MANAGEMENT TOOLS AND TECHNIQUES	Outline • What is quality? • Quality management concepts • The cost of quality • Seven quality control tools • The 5 Why's • Kaizen events • 5S technique Reading material • To be provided on the Moodle website	• Lecture 8 • Tutorial 8
Week 9 - 09 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic
LEAN SIX SIGMA CONCEPTS AND APPLICATIONS	Outline • What is Lean Six Sigma? • Six Sigma quality approach • Principles of statistical quality control • Lean Six Sigma journey • A Lean tool: The Kanban system Reading material • To be provided on the Moodle website	• Lecture 9 • Tutorial 9
Week 10 - 16 Sep 2024		
Module/Topic	Chapter Outline • What is project risk? • What is project risk management?	Events and Submissions/Topic
RISK MANAGEMENT FOR LEAN PROJECTS	 Project risk management processes Risk management tools for Lean projects Reading material To be provided on the Moodle website 	Lecture 10Tutorial 10
Week 11 - 23 Sep 2024		
Module/Topic	Chapter	Events and Submissions/Topic

Outline

· What is OPM? • Benefits of implementing OPM • Lecture 11 Organizational strategy and • Tutorial 11 business change · Organizational maturity and project **ORGANISATIONAL PROJECT** Assessment 2 - Leadership success MANAGEMENT (OPM) competencies and management · Best practices in OPM control systems for lean process Readiness for implementing OPM capabilities Due: Week 11 Friday (27 • OPM implementation framework Sept 2024) 5:00 pm AEST Reading material • To be provided on the Moodle website Week 12 - 30 Sep 2024 Module/Topic Chapter **Events and Submissions/Topic Outline** • PM Process Groups in PMBOK • PM Knowledge Areas in PMBOK • Lecture 12 ANSI Standard for Project Tutorial 12 Assessment 2 - Leadership management and PMBOK 7th Ed. **REVIEW OF PMBOK® GUIDE AND** • PM Processes in PMBOK competencies and management PRINCE2® • PM Principles in PRINCE2 control systems for lean process • PM Themes in PRINCE2 **capabilities** Due: Week 12 Monday • PM Processes in PRINCE2 (27 May 2024) 8:00 am AEST Reading material • To be provided on the Moodle website Review/Exam Week - 07 Oct 2024 Module/Topic Chapter **Events and Submissions/Topic** Make-up classes may be scheduled during this week if necessary. Assessment 3, online Quiz will completed this Week. Details in the Unit website on Moodle. Note: No exams in this Unit Assessment 3 - Online Ouiz Due: Exam Week Friday (7 June 2024) 5:00 pm AEST Exam Week - 14 Oct 2024 Module/Topic Chapter **Events and Submissions/Topic**

Outline

Term Specific Information

Communication protocols:

- Please contact your local lecturers and tutors as your first point of contact for any concerns. You can contact the
 Unit Coordinator at a.memari@cqu.edu.au for any further concerns. Your emails will be answered within 24 48
 hours by all relevant staff.
- Please allow for reasonable hours of communication E.g. staff members are not expected to be available during late night.
- Students must use their CQU student email accounts to communicate with staff and other students to ensure priority and for privacy/cyber security. Using personal email addresses may result in your emails getting blocked by firewalls or getting into junk folders and not being viewed by staff.

Assessment Tasks

1 Assessment 1 - Case Study

Assessment Type

Written Assessment

Task Description

This assessment is to be completed and submitted **INDIVIDUALLY.**

This assessment is worth 40% of your total mark.

You will be given a case study scenario in which you are required to identify, analyse and explain lean project management concepts and project management practices that were taught through Weeks 1 - 5. You are expected to write a reply to a number of questions explaining in detail various project management best practices that were used to achieve the outcome described in the case scenario. Your understanding of the application of LEAN concepts and AGILE best practices will be tested in this assessment.

Your ability to provide coherent and relevant answers to the questions as per the marking criteria will be evaluated. These criteria support the achievement of the Unit Learning Outcomes stated in the assessment specification document.

It is crucial that you demonstrate critical reflection in linking theory to the case study.

All work must be properly referenced (Harvard Referencing style).

Word count is between 2000 and 2500 words for the total of the various parts of the assessment.

Please refer to the Assessment 1 document available in your Moodle Assessment 1 tab for complete instructions and requirements of this assessment.

Assessment Due Date: Monday of the **Mid-Term Break**

Assessment Due Date

Vacation Week Monday (12 Aug 2024) 8:00 am AEST

Return Date to Students

As per CQU Assessment Policy and Procedure (Higher Education Coursework).

Weighting

40%

Assessment Criteria

- The student displays an understanding of a research paradigm and evidences competence in scholarly writing
- The student displays an understanding of the Lean transformation framework and demonstrates the ability to apply the concepts to the context of the case study
- The student relates the wastes of Lean to different PM methodologies and applies the concepts to the case study
- The student displays an understanding of teamwork as a pillar of the House of Lean and applies the concepts to the context of the case study
- The student demonstrates critical reflection and derives meaningful learning from this exercise
- The student displays competence in summarising findings and learning
- The student demonstrates ethical considerations in the use of AI, including Ethical AI Acknowledgment, Cross-Verification for Accuracy and Responsible Referencing

Please check the unit Moodle page for further details.

Referencing Style

• Harvard (author-date)

Submission

Online

Submission Instructions

Submission guidelines will be provided in the unit Moodle page.

Learning Outcomes Assessed

- Review lean transformation framework by explaining lean approaches, project lifecycle and change management
- Compare and contrast project management methodologies

Graduate Attributes

- Knowledge
- Communication

- Cognitive, technical and creative skills
- Research

2 Assessment 2 - Leadership competencies and management control systems for lean process capabilities

Assessment Type

Written Assessment

Task Description

Group Work - Case study analysis

This assessment is worth 40% of your total mark.

This assessment is to be done in GROUPS of 3-4 members. Groups have to be formed by Week 5 in discussion with your tutor and all groups will be issued a unique group identifier. Individual submissions will not be marked unless with prior approval by the Unit Coordinator.

Distance mode (DST) students will also have to form into similar groups. Individual submission can be allowed to DST students by applying in writing to the Unit Coordinator by Week 6.

You will be given a case scenario and you are required to analyse the case and apply all your knowledge gained from Lectures 1 - 10 to structure your answers for each of the questions. This assessment will test your ability to propose and discuss solutions in a cohesive manner that will resolve the issues that are highlighted in the case scenario. It is crucial that you demonstrate critical reflection in linking theory to the case study.

All work must be properly referenced (Harvard Referencing style)

Word count between 2500 and 3000 words

Please refer to the Assessment 2 specification document available in your Moodle Assessment 2 tab for complete instructions and requirements of this assessment.

Assessment 2 is due in week 11.

Assessment Due Date

Week 11 Friday (27 Sept 2024) 5:00 pm AEST

Return Date to Students

As per CQU Assessment Policy and Procedure (Higher Education Coursework).

Weighting

40%

Assessment Criteria

Assessment 2 (Group - 30 marks): Case study analysis

- The students demonstrate an understanding of leadership styles and display the ability to apply the theories to the case study
- The students demonstrate an understanding of various aspects of PM competency and display the ability to apply the theories to the case study
- The students demonstrate an understanding of agile self-directed teams and their impact on centralised management control
- The students demonstrate an understanding of elements of project risk management and display the ability to identify risks and formulate responses
- The students display self reflection and identify areas for improvement
- The students demonstrate ethical considerations in the use of AI, including Ethical AI Acknowledgment, Cross-Verification for Accuracy and Responsible Referencing

Referencing Style

• Harvard (author-date)

Submission

Online Group

Submission Instructions

Assessment 2A: Only one student from each group is to upload and submit the completed assessment tasks on behalf of the entire group. Students should decide which group member will upload. Please make sure the team member names and student IDs are clearly stated in the submission document. Assessment 2B must be submitted individually.

Learning Outcomes Assessed

• Examine leadership competencies for successful delivery of projects

• Determine management control systems for lean process capabilities

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Ethical and Professional Responsibility

3 Assessment 3 - Invigilated Quiz

Assessment Type

Online Quiz(zes)

Task Description

The quiz will only be conducted in-class during the scheduled tutorial classes for on-campus students. A separate Zoom session will be scheduled for online students. This assessment is worth **20%** of your **total mark**.

This assessment item involves an Invigilated quiz during your tutorial classes in **Week 12** for on-campus students. **A separate Zoom session will be scheduled for Distance/Online students**.

Students will be required to answer a set of questions related to all the learning outcomes of this unit. The quiz will be based on the knowledge gained throughout the first 11 weeks. It is necessary for students to complete all learning activities prescribed in this unit to gain the knowledge to successfully complete the quiz.

- Only one attempt is allowed.
- The quiz is a closed-book and in-class test during tutorial classes in Week 12.
- The quiz must be completed within the given timeframe.
- There will be 40 questions (a combination of multiple-choice and true/false questions).
- There will be a time limit of 50 minutes to complete the quiz. Your quiz will automatically be submitted after 50 minutes.
- The guiz covers the content from Weeks 1 to 11 (lectures, tutorials, readings, etc.).
- Questions will be drawn from a pool of 450 questions. When you attempt the quiz, 40 questions will be randomly selected and displayed. It is very unlikely that two students will see the same questions.

Number of Quizzes

1

Frequency of Quizzes

Assessment Due Date

The quiz will only be conducted in-class during the scheduled tutorial classes in Week 12 for on-campus students. A separate Zoom session will be scheduled for online students

Return Date to Students

The online quiz will be marked by the Moodle computer program upon submission. Marks will be released after the quiz has been closed.

Weighting

20%

Assessment Criteria

Each question carries equal marks, and there are no penalties for wrong answers. If a Save option is available, remember to save while you are answering questions.

Referencing Style

• Harvard (author-date)

Submission

Online

Submission Instructions

Submission guidelines will be provided in the unit Moodle page.

Learning Outcomes Assessed

- Review lean transformation framework by explaining lean approaches, project lifecycle and change management
- Compare and contrast project management methodologies
- Examine leadership competencies for successful delivery of projects

- Determine management control systems for lean process capabilities
- Explain the processes and techniques to acquire, develop and manage project teams.

Graduate Attributes

- Knowledge
- Communication
- Cognitive, technical and creative skills
- Research
- Ethical and Professional Responsibility

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 <u>Academic Learning Centre (ALC)</u> 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