

In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



BLCN14041 Construction Project Planning

Term 2 - 2024

Profile information current as at 15/05/2024 04:37 pm

All details in this unit profile for BLCN14041 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 leads you to learn major areas of planning of a construction project including construction planning and scheduling; the role of the construction planning consultant; developing an initial job using labour, materials, plant and time units from design documentation; estimates and/or Bills of Quantities; using construction planning methodologies and tools such as bar charts, critical path methods, line of balance, cash flow projections; least cost optimization; flagging approval and detailed schedules of sub-contract activities. The choice of software for scheduling and network analysis will be examined as a further added learning experience.

Details

Career Level: *Undergraduate*

Unit Level: *Level 4*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisites: BLAR11049: Built Environment Communications and Skills or COMM11003: Professional and Technical Communication or ENEG11005: Fundamentals of Professional Engineering

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

- Online

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

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 Student feedback

Feedback

The recommended textbook was not the most recent edition.

Recommendation

The recently updated edition was made available mid-term through the CQU library and will be included for 2023 in the e-reading list.

Feedback from Studnet Feedback

Feedback

Overall the unit was great and the quiz was very hard but I learned a lot from it.

Recommendation

Additional practice for the quiz will be provided during the recorded tutorials.

Feedback from Lecturer

Feedback

Student engagement fluctuated throughout the term.

Recommendation

Engagement will be encouraged by incorporating essential knowledge and resources in the recorded tutorials.

Feedback from Lecturer

Feedback

Low student engagement

Recommendation

Engagement will be encouraged by offering a review of assignments before final submission, creating a direct student-lecturer relationship.

Unit Learning Outcomes

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

1. Outline the role of the construction planning consultant
2. Develop an initial job using labour, materials, plant and time units based on design documentation, estimates and/or Bills of Quantities
3. Explain construction planning methodologies and tools
4. Prepare detailed schedules of sub-contract activities and perform cash flow projection using scheduling and network analysis computer software.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Written Assessment - 20%	•	•		
2 - Written Assessment - 35%		•	•	
3 - Online Quiz(zes) - 10%	•	•	•	•
4 - Written Assessment - 35%			•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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				

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 17 June 2024

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.