

Diploma of Building and Construction
(Building)
CPC50210



Overview

The Diploma of Building and Construction (Building) is designed for project managers and construction managers working in the building and construction industry.

The Diploma of Building and Construction (Building) is a nationally-recognised, competency-based qualification. The Diploma consists of 18 units of competency from the General Construction Training Package (CPC08).

This qualification combines best practice theory with practical examples of workplace application.

Participants will gain an understanding of the specialist skills and knowledge required to become a construction manager or construction project manager in a range of work contexts, including the project management environment.

Transformed's team of experienced facilitators, coaches and assessors have extensive on-the-job experience across a broad range of industries. They offer real world examples to demonstrate how the practical application of theory can deliver outstanding outcomes.

This qualification is delivered via a self-paced flexible approach, offering learning with minimal impact on participants' valuable time.

Learning Outcomes

This qualification is designed to meet the needs of senior managers within building and construction firms.

Structure

Transformed offers flexible training and assessment options which allow participants to fit in their training program around work and other commitments. Transformed offers three flexible learning pathways to enable participants to complete this qualification.

They are:

1. Recognition of Prior Learning (RPL) Pathway – this pathway involves assessment only, assessing evidence of existing skills and knowledge against the competency standards.
2. Distance learning– this pathway provides an interactive online virtual learning environment to train and support participants throughout the duration of their course. The Transformed team will keep in touch every step of the way and guide participants either through training literature, videos and trainer / assessor contact.

Please discuss course delivery options with a Transformed team member. Face to face delivery is available within organisations for groups of 8 or more.



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The Diploma of Building and Construction (Building) involves the successful completion of the thirteen core units below and five elective units:

Compulsory (Core) Units

Unit Code	Unit Title	RPL	Distance
CPCBC4001A	Apply building codes and standards to the construction process for low rise building projects	Y	Y
CPCBC4003A	Select and prepare a construction contract	Y	Y
CPCBC4004A	Identify and produce estimated costs for building and construction projects	Y	Y
CPCBC4010B	Apply structural principles to residential low rise constructions	Y	Y
CPCBC4013A	Prepare and evaluate tender documentation	Y	Y
CPCBC5001B	Apply building codes and standards to the construction process for medium rise building projects	Y	Y
CPCBC5002A	Monitor costing systems on medium rise building and construction projects	Y	Y
CPCBC5003A	Supervise the planning of on-site medium rise building or construction work	Y	Y
CPCBC5010B	Manage construction work	Y	Y
CPCBC5018A	Apply structural principles to the construction of medium rise buildings	Y	Y
BSBOHS504B	Apply principles of OHS risk management	Y	Y
BSBPMG505A	Manage project quality	Y	Y
BSBPMG508A	Manage project risk	Y	Y

The elective units must be selected as follows:

- a minimum of 3 elective units must be from Group A units below
- a maximum of 2 further elective units may be from Group B units below
- 1 elective unit may be from Diploma level in from CPC08 or another endorsed Training Package, provided that the industry context of the qualification is maintained
- 2 elective units may be from any Certificate IV in CPC08
- 1 elective unit may be from any Advanced Diploma in CPC08.

Elective units - Group A

CPCBC5004A	Supervise and apply quality standards to the selection of building and construction materials	Y	N
CPCBC5005A	Select and manage building and construction contractors	Y	Y
CPCBC5006B	Apply site surveys and set out procedures to medium rise projects	Y	N
CPCBC5007B	Administer the legal obligations of a building or construction contract	Y	Y
CPCBC5009A	Identify service layout and connection methods in medium rise construction projects	Y	N
CPCSUS5001A	Develop workplace policies and procedures for sustainability	Y	Y

Elective units - Group B

CPCCBC4005A	Produce labour and materials for ordering	Y	Y
CPCCBC4006B	Select, procure and store construction materials for low rise projects	Y	Y
CPCCBC4011B	Apply structural principles to commercial low rise constructions	Y	Y
CPCCBC4012B	Read and interpret plans and specifications	Y	Y
CPCCBC4018A	Apply site surveys and set-out procedures to building and construction projects	Y	Y
CPCCWHS1001	Prepare to work safely in the construction industry	Y	N

Details of these competencies can be found at <http://www.training.gov.au>

Duration

Self-paced study over a six (6) month period for RPL pathway or twelve (12) months for distance learning.

Participant Profile

This program is designed for those involved in management roles within the building and construction industry:

- Project administration and co-ordination officers
- Construction Managers
- Builders
- Project Managers;
- Construction Superintendants

Prerequisites

Whilst there are no formal pre-requisites for this program, experience in the building and construction industry as well as a basic knowledge of the BCA and other standards would be desirable.

Assessment

Participants are required to undertake a number of assessment activities, including:

- Self-assessment
- Third-party assessment
- Completion of a portfolio of evidence.

Assessment for the Diploma of Building and Construction (Building) is against the competency standards within the Construction Training Package (CPC08). Participants can expect to spend about 60 hours undertaking assessment tasks.

Where to Next

- Advanced Diploma of Building and Construction (Management)