

**Self-Paced**  
**100% Online**  
**Start Any Time**  
**36 months to complete**



---

**CPC50220**

**Diploma of Building &  
Construction (Building)**



# Transformed: Our Story

Hi and welcome to Transformed!

Our mission is to help people to develop the skills and knowledge to get a pay rise, get a promotion or get their dream job.

As an award-winning Registered Training Organisation, we have worked with thousands of people and both large and small organisations since we started in 2006.

We deliver nationally-recognised qualifications and engaging, interactive online short courses in all facets of building and construction and housing energy efficiency.

Designed and taught by passionate industry experts, our courses empower people with the skills and confidence to stay ahead of the industry curve, build a future-ready career, and transform their lives.

Some of our awards...



# What is Building & Construction?

Building and construction accounts for around 10% of the total economy in Australia. Whether you want to work in residential construction building houses, town houses and villas, or building apartments, skilled and experienced builders are in high demand.

If you are a tradie looking to get off the tools, then getting qualified and obtaining your building licence is a great idea. Be the boss and organise and coordinate trades, manage contracts, estimate and purchase materials and manage your own business.

The Diploma Building and Construction (Building) is the technical qualification required to obtain a medium rise building licence in QLD or a B-Class Licence in the ACT. In NSW if you don't have a trade qualification you will also need to complete the Certificate IV in Building and Construc Building and Co

# Construction Career Options

## Job opportunities

**3,146**

Jobs in AUS right now

## Job growth

**▲ 9.8%**

Projected job growth in 5 years

## Salary

**\$103K**

Typical salary in AUS

## Job satisfaction

**★ 4.5**

Based on 2 reviews

Building and construction is a solid employment option. Seek reported a 9.8% growth in jobs. Seek's most recent data also show that job satisfaction is high and also the pay is fantastic.

Data as of March 2023 - seek.com.au

## In their Annual Salary Guide for 22/23, Hayes research shows the following salaries (exclusive of superannuation) in different locations throughout Australia

Source: <https://www.hays.com.au>

CONSTRUCTION BUILDING	Leading Hand	Foreperson	Site Manager	Project Manager	Construction Manager
NSW - Sydney	115 100 - 120	140 120 - 180	160 150 - 220	190 160 - 250	280 250 - 320
NSW - Regional	90 70 - 100	120 95 - 140	160 155 - 190	170 140 - 200	185 150 - 200
VIC - Melbourne	100 90 - 110	100 90 - 120	150 120 - 180	165 150 - 190	200 180 - 255
VIC - Regional	100 90 - 110	100 90 - 120	150 120 - 180	165 150 - 190	200 180 - 255
QLD - Brisbane, Gold Coast & Sunshine Coast	85 70 - 100	120 100 - 150	150 120 - 200	145 140 - 220	180 150 - 250
QLD - Regional	70 65 - 80	110 90 - 130	120 100 - 150	180 140 - 200	200 155 - 225
SA - Adelaide	75 55 - 85	95 75 - 120	125 85 - 160	150 105 - 205	180 140 - 225
WA - Perth	85 70 - 90	100 90 - 120	140 115 - 160	170 125 - 200	190 150 - 240
ACT - Canberra	90 75 - 95	140 120 - 160	200 150 - 270	200 140 - 240	250 150 - 320
TAS - Hobart/Launceston	75 70 - 80	95 90 - 110	120 120 - 140	130 100 - 150	180 170 - 200
NT - Darwin	80 80 - 95	100 80 - 110	130 110 - 150	130 135 - 180	160 150 - 220

The pay in building and construction roles really depends on the job you have.

Job search site, Indeed, publish career information - March 2023.

### Project Manager

271 job openings

\$132,136 per year

### Carpenter

179 job openings

\$97,243 per year

### Contract Administrator

163 job openings

\$111,554 per year

### Site Manager

155 job openings

\$146,036 per year

### Estimator

133 job openings

\$98,102 per year

### Project Engineer

131 job openings

\$123,538 per year

### Labourer

125 job openings

\$62,854 per year

### Brick Mason

102 job openings

\$73,078 per year

## Why choose this course?

---

Demand for skilled resources in building and construction in Australia is constant. Learn the skills and knowledge to get ahead as a construction site foreman, construction manager or construction supervisor.

Earn the building and construction qualification you need to register as a licensed builder throughout Australia. Transformed's online building and construction qualification is designed with the flexibility to help you transform your career – no matter how busy you are.

With the online CPC50220 Diploma of Building and Construction (Building), you learn best practice theory with practical examples of workplace application. Our experienced trainers will teach you how to prepare building sketches and drawings, read plans, apply building codes and standards, produce material schedules and costings, and more. All the specialist skills and knowledge you need to become a residential builder or start your career in construction.

This building and construction qualification provides the skills to work on larger residential construction and smaller commercial jobs. You'll graduate with the knowledge and skills need to work in building and construction.

**The CPC50220 Diploma of Building and Construction (Building) is designed to meet the needs of builders, including selecting contractors, overseeing the work and its quality, and liaising with the client.**

**The builder may also be the appropriately licensed person with responsibility under the relevant building licensing authority in the State or Territory.**

**At completion of the course, potential career outcomes include builder, construction manager, and foreman.**



# Why Study with us?

---



## **NATIONALLY RECOGNISED QUALIFICATION**

Receive a nationally-recognised qualification in building and construction upon successful completion. As a Registered Training Organisation, we are quality assured by the Australian Skills Quality Agency, part of the Australian Government.



## **INDUSTRY DEFINED CONTENT**

The CPC50220 Diploma of Building & Construction (Building) is developed by an industry reference group that ensures the curriculum meets real-world industry needs now and in the future.



## **LEARN BY DOING**

Get hands-on with practical activities during the course and as part of your assessment. These tasks are what you'll do in your future job in building and construction.



## **SELF-PACED, START ANYTIME**

No need to wait for the next semester, you can start anytime and work around your busy schedule with our self-paced program.



## **MULTIPLE AWARD WINNING TRAINING PROVIDER**

We have won many education and business awards and are recognised as a leader in the field.



## **LEARN FROM INDUSTRY EXPERTS**

Our trainers and assessors are highly experienced and passionate experts in building and construction.



## **LIVE LESSONS**

Live instructor led lessons are delivered every 2 weeks. Ask questions and interact with other students during these live sessions.



## **SUPPORT WHENEVER YOU NEED IT**

Our trainers and assessors are only an email or phone call away whenever you need help.

---

## **What our clients say...**

"The most practical and well organised course I've been involved with, perfect for anyone with a demanding full time career and family commitments. My facilitator was extremely helpful and being part of the construction industry applied a very focused approach to the course content which assisted me in completing my studies. Thanks for all your efforts and support."

Aleks

Cert IV and Diploma in Building & Construction Student

# Learning Outcomes & Content

---

## What you get...

- Over 30 hours of instructional videos and customised learning materials written by leading industry experts
- Instructional videos showing how to use our e-learning system
- Easy to follow, knowledge and performance assessments
- Live Lessons and recorded webinars on each core module and elective, providing a summary of all content as well as instructions, tips and tricks for completing assessment questions and tasks
- Access to the Transformed library of leading short courses on project management, business and leadership for 12 months (valued at over \$4950)
- Access to our exclusive WhatsApp social learning community, allowing you to interact with other students and industry experts who will answer your questions and share their tips and tricks (valued at \$1500)
- Access to relevant Australian Building Codes and key industry references (valued at \$900)

On completion of the course, you will be able to:

- **Manage business risk**
- **Lead WHS risk management**
- **Apply building codes and standards**
- **Select, prepare and administer a construction contract**
- **Identify and produce estimated costs for building and construction projects**
- **Produce labour and material schedules for ordering**
- **Supervise site communication and administration processes for building and construction projects**
- **Apply legal requirements to building and construction projects**
- **Read and interpret plans and specifications**
- **Prepare and evaluate tender documentation**
- **Prepare simple building sketches and drawings**
- **Apply site surveys and set-out procedures**
- **Monitor costing systems on complex building and construction projects**

## Course at a glance...

---

To achieve the qualification you must complete 27 units (24 core and 3 electives).

### Core Units

BSBOPS504 - Manage business risk

BSBWHS513- Lead WHS risk management

CPCCBBC4001 - Apply building codes and standards to the construction process for Class 1 and 10 buildings

CPCCBBC4003 - Select, prepare and administer a construction contract

CPCCBBC4004 - Identify and produce estimated costs for building and construction projects

CPCCBBC4005 - Produce labour and material schedules for ordering

CPCCBBC4008 - Supervise site communication and administration processes for building and construction projects

CPCCBBC4009 - Apply legal requirements to building and construction projects

CPCCBBC4010 - Apply structural principles to residential and commercial constructions

CPCCBBC4012 - Read and interpret plans and specifications

CPCCBBC4013 - Prepare and evaluate tender documentation

CPCCBBC4014 - Prepare simple building sketches and drawings

CPCCBBC4018 - Apply site surveys and set-out procedures to building and construction projects

CPCCBBC4053 - Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings

CPCCBBC5001 - Apply building codes and standards to the construction process for Type B construction

CPCCBBC5002 - Monitor costing systems on complex building and construction projects

CPCCBBC5003 - Supervise the planning of onsite building and construction work

CPCCBBC5005 - Select and manage building and construction contractors

CPCCBBC5007 - Administer the legal obligations of a building and construction contractor

CPCCBBC5010 - Manage construction work

CPCCBBC5011 - Manage environmental management practices and processes in building and construction

CPCCBBC5013 - Manage professional technical and legal reports on building and construction projects

CPCCBBC5018 - Apply structural principles to the construction of buildings up to 3 storeys

CPCCBBC5019 - Manage building and construction business finances

### Elective Units

CPCCBBC5004 - Supervise and apply quality standards to the selection of building and construction materials

CPCCBBC5006 - Apply site surveys and set out procedures to building projects up to 3 storeys

CPCCBBC5009 - Identify services layout and connection methods for Type C and B construction

# What you'll learn



## Method of Study

- 100% online
- Live Lessons
- Videos and student learner guides



## Time Commitment

- 36 months to complete online
- 5-8 hours per week



## Assessment

- Knowledge questions
- Practical assessment tasks
- Assessed against the competency standards within the CPP Package



## Pre-requisite

- No pre-requisites
- Must have access to a computer and the internet or an internet-enabled device

## **CPCBC4001 - Apply building codes and standards to the construction process for class 1 and 10 buildings**

This unit specifies the skills and knowledge required to access, interpret and apply relevant building codes and standards applicable to the National Construction Code (NCC) Classes 1 and 10 buildings, to a maximum of two storeys. It includes knowledge of the structure of the NCC, as well as the ability to access relevant information from the code as applicable to various building projects.

## **BSBOPS504 - Manage business risk**

This unit skills and knowledge required to manage business risks in a range of contexts across an organisation or for a specific business unit or area in any industry setting.

The unit applies to individuals who are working in positions of authority and who are approved to implement change across the organisation, business unit, program or project area.

## **BSBWHS513 - Lead WHS risk management**

This unit skills and knowledge required to lead the management of work health and safety (WHS) risks in an organisation. The unit includes facilitating the identification of hazards and potential hazards, leading the assessment of associated risks, selecting and implementing suitable risk controls, and evaluating the overall effectiveness of the organisational WHS risk management process. It involves communicating with stakeholders throughout the process.



## What you'll learn -2

---

### **CPCBC4008 - Supervise site communication and administration processes for building and construction projects**

This unit specifies the skills and knowledge required to supervise site communications, monitor and maintain compliance with codes and standards and implement project administration processes on a building and construction project.

This unit of competency also specifies the skills and knowledge required to supervise the administration of quality control compliance and the use of site communications and record-keeping systems; and conduct onsite inspections to complete the required project administration processes.

This unit applies to National Construction Code (NCC) classifications:

- Residential - Class 1 buildings to a maximum of two storeys
- Commercial - NCC Class 2 to 9, Type C only constructions.

### **CPCBC4009 - Apply legal requirements to building and construction projects**

This unit specifies the skills and knowledge required to apply legal requirements to residential and commercial building and construction projects. It includes meeting licensing requirements, complying with financial and insurance laws and meeting the conditions of building contracts.

It applies to National Construction Code (NCC) classifications:

- Residential - Class 1 and 10 buildings, maximum two storeys
- Commercial --Class 2 to 9, Type C only constructions.

### **CPCBC4005 - Identify and produce labour and material schedules for ordering**

This unit covers the skills and knowledge required to produce schedules for physical and human resources and materials for residential or commercial projects. It includes monitoring project schedules and tracking and recording costs as they are incurred.



# What you'll learn - 3

---

## **CPCBC4010 - Apply structural principles to residential and commercial constructions**

This unit specifies the skills and knowledge required to apply structural principles to the construction of residential or commercial structures. This unit includes applying structural principles to footing, floor, wall and roof systems.

It applies to National Construction Code (NCC) classifications:

- Residential - Class 1 and 10 buildings, maximum two storeys
- Commercial - Class 2 to 9, Type C only constructions

## **CPCBC4014 - Prepare simple building sketches and drawings**

This unit specifies the skills and knowledge required to prepare sketches and drawings used for communicating ideas to clients and other parties. It includes capturing design concepts and options taken from architectural drawings to create simpler versions.

The unit applies to builders, experienced tradespersons, project managers and estimators who prepare sketches and drawings for estimating, explaining details and showing measurements required for building and construction work.

**Prerequisite Note:** Unit “CPCBC4012 Read and interpret plans and specifications” is a prerequisite and must be completed prior to commencing this unit.

## **CPCBC4012 - Read and interpret plans and specifications**

This unit specifies the skills and knowledge required to read and interpret plans and specifications applicable to residential and commercial projects

It includes identifying site characteristics, features of the proposed building and details of the construction. It applies to National Construction Code (NCC) classifications:

- Residential - Class 1 and 10 buildings, maximum two storeys
- Commercial - Class 2 to 9, Type C only constructions.

## **CPCBC4018 - Apply site surveys and set-out procedures to building and construction projects.**

This unit specifies the skills and knowledge required to use technical instruments and levelling and surveying techniques to accurately set out a building on site. It includes determining grid levels and developing contour plans.

It applies to National Construction Code (NCC) classifications:

Residential - Class 1 and 10 buildings, maximum two storeys

Commercial - Class 2 to 9, Type C only constructions.

# What you'll learn - 4

---

## **CPCBC4013 - Prepare and evaluate tender documentation**

This unit specifies the skills and knowledge required to evaluate project and contract requirements and prepare and formalise tender documentation in the building and construction industry. It includes interpreting, compiling and documenting essential project information and demands into a final tender document.

It applies to builders, estimators and managers in the building and construction industry who have a responsibility for evaluating and preparing tenders for residential and commercial projects.

## **CPCBC4053 - Apply building codes and standards to the construction process for Class 2 to 9, type C Buildings**

This unit specifies the skills and knowledge required to access, interpret and apply relevant building codes and standards applicable to National Construction Code (NCC) Class 2 to 9 Type C building projects. It includes knowledge of the structure of the NCC, as well as the ability to access relevant information from the code as applicable to various building projects.

It applies to builders, site managers and related construction industry professionals responsible for ensuring compliance with building codes and standards related to Class 2 to 9 Type C construction projects.

## **CPCBC5003 - Supervise the planning of onsite building and construction work**

This unit specifies the skills and knowledge required to supervise the planning process and organisation of on-site work for building and construction projects. It includes interpreting contract and planning requirements and developing strategies for scheduling human and physical resources effectively to comply with contractual obligations and meet planning timelines.

## **CPCBC5005 - Select and manage building and construction contractors**

This unit specifies the skills and knowledge required to select and manage building and construction contractors. It includes identifying and quantifying project resource needs and engaging with contractors to determine contract conditions and evaluating their performance.

This unit applies to builders and senior managers within building and construction firms and other construction industry personnel who engage and manage various contractors with diverse occupations.

## **CPCBC5007 - Administer the legal obligations of a building and construction contractor**

This unit specifies the skills and knowledge required to administer the legal obligations of a building and construction contractor, as either party to a contract. It includes maintaining legal obligations, licensing and registration, and managing systems for ensuring compliance with legislation.

## What you'll learn - 5

---

### **CPCBC4003 - Select and prepare a construction contract**

This unit of competency specifies the skills and knowledge required to select, prepare and administer contracts for commercial and residential construction projects.

It includes contract selection, administration of a range of documents related to the contract and identifying causes of breach of contract.

### **CPCBC4004 - Identify and produce estimated costs for building and construction projects**

This unit of competency specifies the skills and knowledge required to establish estimated costs associated with the acquisition of materials and labour for building and construction projects. It includes factoring in relevant overhead costs and margins.

This unit applies to estimators, builders, managers and trade contractors within the construction industry responsible for producing estimated costs on various residential and commercial construction projects within their scope of work as a trade contractor or builder.

### **CPCBC5010 - Manage construction work**

This unit of competency specifies the skills and knowledge required to manage on-site work for building and construction projects to meet commercial contractual obligations. It includes establishing effective communication processes, managing risks and work health and safety (WHS), managing processes for ordering materials and installing equipment, as well as management of on-site operations.

### **CPCBC5011 - Manage environmental management practices and processes in building and construction**

This unit specifies the skills and knowledge required to plan and implement effective environmental practices and processes and manage improvements of environmental issues. It includes determining and managing energy efficient systems, measuring and dealing with non-conforming practices and improving performance.

### **CPCBC5013 - Manage professional technical and legal reports on building and construction projects**

This unit of competency specifies the skills and knowledge required to manage the development of technical and legal reports on buildings and commercial construction projects. It includes pre-property inspections and reports, building design and planning advice and reviewing and monitoring construction works.

## What you'll learn - 6

---

### **CPCCBC5004 - Supervise and apply quality standards to the selection of building and construction materials**

This unit of competency specifies the skills and knowledge required to apply quality standards to the selection of building and construction materials. It includes supervising the selection of building materials that meet building standards, contract specifications and service requirements for the project.

This unit of competency applies to builders, related construction industry professionals and project managers within building and construction firms responsible for supervising systems through which compliant and quality materials are selected, acquired and stored on site for construction of building projects.

### **CPCCBC5018 - Apply structural principles to the construction of buildings up to 3 storeys**

This unit specifies the outcomes required to apply structural principles to the construction of buildings up to three storeys. It includes applying structural principles that meet building codes and standards.

It applies to National Construction Code (NCC) classifications:

- Residential - Class 1 and 10 buildings, maximum three storeys
- Commercial - Class 2 to 9, Type B and C.

### **CPCCBC5006 - Apply site surveys and set-out procedures to building projects up to three storeys**

This unit of competency specifies the skills and knowledge required to apply site surveys and set-out procedures to building and construction projects up to three storeys. It includes the skills and practices required to set out building projects, measure, record and interpret data using measuring and levelling equipment.

### **CPCCBC5009 - Identify services layout and connection methods for Type C and B construction**

This unit specifies the skills and knowledge required to identify services requirements, layouts and connections from project drawings and specifications for Type B and C construction projects. It includes identifying and evaluating differing layouts for services to comply with building codes, regulations and standards. This unit applies to builders, project managers and related construction industry professionals responsible for determining services layouts using design concepts and principles relating to installations.

### **CPCCBC5019 - Manage building and construction business finances**

This unit of competency specifies the skills and knowledge required to manage and administer finances within a building and construction business. It includes managing business financial risks, revenue and expenditure and meeting statutory financial obligations.

## **CPCBC5001 - Apply building codes and standards to the construction process for Type B construction**

This unit of competency specifies the skills and knowledge required to access, interpret and apply relevant building codes and standards to the construction processes for Type B construction. It includes interpreting the National Construction Code (NCC) and other codes and standards related to a specific building. It applies to NCC classifications: Commercial - Class 2 to 9, Type B

### **Assessment**

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

- Various work-based assessment tasks; and
- Completion of written question and answers.

Easy to follow templates and instructions are provided.

Assessment for the CPC50220 Diploma of Building & Construction is against the competency standards within the Construction Training Package (CPC08).

### **Get in Touch**

---

Speak to one of our Education Advisors:

E: [enquiries@transformed.com.au](mailto:enquiries@transformed.com.au)

P: 1300 738 720

Check out our youtube channel for answers to Frequently Asked questions about RPL and how to choose an RTO.



## **CPCBC5002 - Monitor costing systems on complex building and construction projects**

This unit of competency specifies the skills and knowledge required to monitor costing systems for building and construction projects. It includes processes and practices involved in controlling costs, and the production and maintenance of expenditure schedules and other arrangements, to ensure contracts or projects remain on budget.

### **Course Timeframe**

The completion timeframe for this qualification is 36 months.

You're provided with a detailed study plan to help with planning out your effort and study timeline.

The flexibility of online learning allows you to complete the course sooner if you want.

### **Support & Feedback**

The Transformed team will support you every step of the way to achieve your study goals.

From our Student Engagement and Student Administration team to the trainers and assessors - you've got access to decades of vocational education experience and building and construction specialists.



**ENROL NOW**