

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



CPC40120

Certificate IV in

Building & Construction (Building)



**NATIONALLY RECOGNISED
TRAINING**

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 residential building and construction.

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 CPC40210 Certificate IV in Building and Construction (Building) is the technical qualification required to obtain a building licence in most States and Territories.

In NSW if you don't have a trade qualification you will also need to complete the Diploma of Building and Construction (Building).

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 CPC40120 Certificate IV in 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 entry level certificate in building and construction provides the ideal starting point. It is what employers expect you to hold as a minimum qualification.

You'll graduate with the knowledge and skills need to work in building and construction.

The CPC40120 Certificate IV in 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 CPC40120 Certificate IV in 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)
- Procurement and contract management templates, checklists and tools (valued at \$500)
- Access to relevant Australian Building Codes and key industry references (valued at \$900)

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

- **Apply building codes and standards**
- **Manage work health and safety in the building and construction workplace**
- **Plan building or construction work**
- **Supervise site communication and administration processes for building and construction projects**
- **Apply legal requirements to building and construction projects**
- **Apply structural principles to residential and commercial constructions**
- **Read and interpret plans and specifications**
- **Prepare simple building sketches and drawings**
- **Apply site surveys and set-out procedures to building and construction projects**
- **Minimise waste on the building and construction site**
- **Select, prepare and administer a construction contract**
- **Identify and produce estimated costs for building and construction projects**
- **Produce labour and material schedules for ordering**
- **Select, procure and store construction materials**

Course at a glance...

To achieve the qualification you must complete 19 subjects (11 core and 8 electives).

Core Units

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

CPCCBBC4002 - Manage occupational health and safety in the building and construction workplace

CPCCBBC4007- Plan building or construction work

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

CPCCBBC4014 - Prepare simple building sketches and drawings

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

CPCCBBC4021 - Minimise waste on the building and construction site

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

Elective Units

CPCCBBC4003 - Select and prepare a construction contract

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

CPCCBBC4005 - Produce labour and material schedules for ordering

CPCCBBC4006 - Select, procure and store construction materials for building and construction projects

CPCSUS4002 - Use building science principles to construct energy efficient buildings

BSBPMG422- Apply project quality management techniques

BSBESB407 - Manage finances for new business ventures

CPCCBBC4024 - Resolve business disputes



Method of Study

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



Time Commitment

- 24 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

What you'll learn

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.

It applies to builders, site managers and related construction industry professionals responsible for ensuring compliance with building codes and standards related to residential construction projects.

CPCBC4002 - Manage occupational health and safety in the building and construction workplace

This unit specifies the skills and knowledge required to inspect workplaces for hazards and conduct work health and safety (WHS) risk analyses. It includes the development and implementation of appropriate responses to mitigate risks to meet government legislation and regulations.

CPCBC4007 - Plan building or construction work

This unit of the course looks at planning the on-site activities required for a building and construction project, including:

- Identifying operational requirements by reviewing the contract documentation
- Organising the construction operations in compliance with company requirements, including arranging site access and temporary services, removing existing structures, services and hazardous materials and implementing organisational OHS policies and procedures
- Preparing project schedules, including the project timeframes and schedules of labour and materials and identification of the project's critical path
- Identifying resource requirements, site accommodation, plant and equipment needs and onsite labour requirements, and establishing processes for procuring labour and materials, for recording plant and equipment hire and for controlling and recording site deliveries
- Preparing site condition reports, including details of site services and the condition of adjacent buildings and structures.

What you'll learn -2

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

This unit of competency 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.



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 pre-requisite 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

CPCCBBC4021 - Minimise waste on the building and construction site

This unit specifies the skills and knowledge required to support sustainable building practices by minimising waste removed from residential or commercial building and construction sites. It includes planning a waste minimisation strategy, calculating cost benefits and implementing alternative waste minimisation systems.

CPCCBBC4053 - 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.

CPCCBBC4024 - Resolve business disputes

This unit specifies the skills and knowledge required to advise on or resolve business disputes that may arise during activities in residential and commercial contracting projects.

It includes the development and implementation of dispute resolution processes and procedures.

CPCCBBC4003 - Select and prepare a construction contract

This unit 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.

CPCSUS4002 - Use building science principles to construct energy efficient buildings

This unit specifies the skills and knowledge required to incorporate building science principles into the construction of energy-efficient buildings. It includes the ability to research, use constructive thinking and problem-solving processes to identify appropriate sustainable solutions.

What you'll learn - 5

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

This unit 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.

BSBESB407 - Manage finances for new business ventures

This unit describes the skills and knowledge required to implement and review financial management strategies, including by using new and emerging digital technologies and interpreting financial reports and other numerical data.

The unit applies to those establishing a business providing self-employment, as well as those establishing a new venture as part of a larger organisation.

CPCBC4005 - Produce labour and material schedules for ordering

This unit of competency specifies 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.

CPCBC4006 - Select, procure and store construction materials for building and construction projects

This unit specifies the skills and knowledge required to supervise the systems through which construction materials are typically selected, acquired, and stored on-site for residential and commercial building and construction projects. It includes knowledge of relevant building and construction materials and technologies, environmental effects on materials and identifying non-compliant materials to ensure the delivered construction materials meet National Construction Code (NCC) requirements and contract and service specifications. It applies to NCC classifications:

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

BSBPMG422 - Apply project quality management techniques

This unit describes the skills and knowledge required to enhance project outcomes by contributing to quality planning, applying quality policies and procedures, and contributing to continuous improvement in projects.

Course Timeframe

The completion timeframe for this qualification is 24 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.

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 CPCC40210 Certificate IV in Building and Construction (Building) 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

P: 1300 738 720

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



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 expertise.



ENROL NOW