

## CPC50210 - Diploma of Building and Construction (Building)

Applicants should be employed in the building and construction industry however, exceptions can be made where applicants can demonstrate other suitable work experience and a clear purpose in undertaking this program.

Applicants without current employment in the building and construction industry will be exposed to Building and Construction industry sites via supervised site visits during the course.

Applicants with no Building and Construction industry experience who are aiming to gain their Victorian Builders License are advised to commence and complete the CPC40110 Certificate IV in Building and Construction (Building) first.

This qualification is designed to meet the needs of builders and managers of small to medium-sized building businesses who are wanting to become registered builders under the Victorian Building Authority qualification rules for DBU, DBR or CBR registration.

The builder may also be the appropriately licensed person with responsibility under the relevant building licensing authority in the State or Territory. Builder licensing varies across States and Territories and additional requirements to attainment of this qualification may be required.

Occupational titles for people undertaking this qualification may include:

- Builder
- Construction manager
- Building Project Manager

The qualification has core unit of competency requirements that cover common skills for the construction industry.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context.

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (ASCC 2007) is required before entering a construction work site. Achievement of unit CPCCOHS1001A Prepare to work safely in the construction industry covers this requirement.

Additional units of competency may be required to meet builder registration requirements in various States and Territories.

The Victorian Building Authority (VBA) registers Building Practitioners according to the requirements of their legislation and the type of building work the Building Practitioner wishes to perform.

There are two major Builder Registration classes, each with their own sub-classes.

- Domestic Builder
- Commercial Builder

Registration requires applicants to meet both qualification (knowledge) and experience requirements. Some qualifications meet all of the knowledge requirements; others partially meet the knowledge requirements.

### **Domestic Builder Registration**

Domestic building work is work associated with the construction, renovation, improvement or maintenance of a home.

CPC50210 Diploma of Building and Construction (Building) is applicable to Domestic Builder (Unlimited) registration class.

Successful completion of CPC50210 Diploma of Building and Construction (Building), satisfies the knowledge required for registration in the class of Domestic Builder (Unlimited). Applicants will also need to have 3 + years of experience relevant to carrying out, managing and arranging the carrying out of all stages of the construction of homes (class 1, 2 and 4 buildings) and associated class 10 buildings.

Applicants who have not completed CPC50210 Diploma of Building and Construction (Building) will have their knowledge assessed by the VBA against the CPC50210 Diploma of Building and Construction (Building) competencies.

## **Commercial Builder Registration**

Persons registered as a Commercial Builder are responsible for managing and arranging the carrying out of all components of building work for the construction of commercial buildings and structures (Class 2–9 buildings and structures, and Class 10b buildings not associated with a domestic building, as classified by the Building Code of Australia), or components of that work, such as:

- structural fit-out work
- non-structural fit-out work
- structural landscaping work
- construction of shade structures work, and
- erection of signs

Building work means work for or connected to the construction of a building. Construct, in relation to a building, includes:

- build, re-built, erect or re-erect the building
- repair the building
- alter the building
- enlarge or extend the building, and
- place or relocate the building on land

Successful completion of CPC50210 Diploma of Building and Construction (Building) satisfies **some** of the knowledge requirements required for registration as a Commercial Builder (Unlimited).

National Construction Training RTO21254 does not offer a qualification that specifically addresses the knowledge requirements for CBU registration.

## **Entry Requirements**

There are no mandated prerequisite qualification requirements for entry into the CPC50210 Diploma of Building and Construction (Building).

The program outlined is suitable for:

- Applicants with 3 or more years work experience in the building and construction industry.
- Applicants with 3 or more years work experience in a supervisory or management role in any industry

The usual duration for this program is 18 months.

Students with credit transfer or recognition of prior learning for units may complete this qualification in less than 18 months.

## **Completion Requirements**

The requirements for granting this qualification will be met when competency is demonstrated and achieved for:

- All 13 core competency standard units.
- 5 elective units.

## **Time Commitment**

The program is structured so that students can progress at a pace that suits them. A typical time commitment over 80 weeks expected to complete the course is estimated to be:

Self-directed learning which can be undertaken at home or by attending additional sessions at the Training Centre. This time will be spent on reading, research and completing tasks and projects required for assessment purposes.	640 hours
Workplace activities undertaken to reinforce learning activities and to complete tasks and projects for assessment purposes.	320 hours.
Class attendance once a week for 4 hours a week, site visits organised by your trainer and one-on-one sessions to review your work and provide feedback on your assessments.	398 hours
<b>Total commitment over 18 months</b>	<b>1,358 hours</b>

## Assessment

Assessment tasks consist of:

- Answers to questions
- Classroom activities
- Projects related to building codes; structural principles; risk management; project management; project quality; contract management; legal requirements; Victorian Building Authority requirements; and preparation of plans and drawings.

## Pathway

To CPC60212 -Advanced Diploma of Building and Construction (Management)

National Training Services does not offer this qualification.

## Government Funding

National Construction Training (RTO21254) can access State government funding for this qualification through the Skills First funding program. To enquire about your eligibility for State government funding contact National Construction training during office hours.

## Tuition Fees

Students who are eligible for Victorian Skills First Funding will pay no tuition fees. Students not eligible for Victorian Skills First Funding will be required to pay a fee of \$5,900 to undertake this qualification.

## Qualification Structure

Code	Name of Unit	Core or elective
BSBOHS504B	Apply principles of OHS risk management	Core
BSBPMG505A	Manage project quality	Core
BSBPMG508A	Manage project risk	Core
CPCCBBC4001A	Apply building codes and standards to the construction process for low rise building projects	Core
CPCCBBC4002A	Manage occupational health and safety in the building and construction workplace	Elective
CPCCBBC4003A	Select and prepare a construction contract	Core
CPCCBBC4004A	Identify and produce estimated costs for building and construction projects	Core
CPCCBBC4007A	Plan building or construction work	Elective
CPCCBBC4010B	Apply structural principles to residential low rise constructions	Core
CPCCBBC4013A	Prepare and evaluate tender documentation	Core
CPCCBBC5001B	Apply building codes and standards to the construction process for medium rise building projects	Core
CPCCBBC5002A	Monitor costing systems on medium rise building and construction projects	Core
CPCCBBC5003A	Supervise the planning of on-site medium rise building or construction work	Core
CPCCBBC5005A	Select and manage building and construction contractors	Elective
CPCCBBC5007B	Administer the legal obligations of a building or construction contractor	Elective
CPCCBBC5010B	Manage construction work	Core
CPCCBBC5011A	Manage environmental management practices and processes in building and construction	Elective
CPCCBBC5018A	Apply structural principles to the construction of medium rise buildings	Core

## Unit Descriptors

### **BSBOHS504B - Apply principles of OHS risk management (Core)**

This unit describes the performance outcomes, skills and knowledge required to use a generic approach to identify hazards, and to assess and control occupational health and safety (OHS) risks.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of endorsement.

### **BSBPMG505A - Manage project quality (Core)**

This unit describes the performance outcomes, skills and knowledge required to manage quality within projects. It covers determining quality requirements, implementing quality assurance processes, and using review and evaluation to make quality improvements in current and future projects.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of endorsement.

### **BSBPMG508A - Manage project risk (Core)**

This unit describes the performance outcomes, skills and knowledge required to manage risk within a project to avoid adverse effects on project outcomes. It covers determining, monitoring and controlling project risks, and assessing risk management outcomes.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of endorsement.

### **CPCBC4001A - Apply building codes and standards to the construction process for low rise building projects (Core)**

This unit of competency specifies the outcomes required to access, interpret and apply relevant building codes and standards applicable to the construction processes of residential and low rise commercial buildings (low rise' licensing classification with reference to Class 1 and 10 construction and Classes 2 to 9 with a gross floor area not exceeding 2000 square metres, not including Type A or Type B construction).

To successfully construct low-rise buildings requires a thorough knowledge of the purpose and content of the Building Code of Australia (BCA), coupled with the ability to interpret other codes and standards related to a specific building.

### **CPCBC4002A - Manage occupational health and safety in the building and construction workplace (Elective)**

This unit of competency specifies the outcomes required to conduct an OHS risk analysis, including the inspection of workplaces for hazards. The development and implementation of appropriate responses, including responses required by state or territory legislation and regulations, to mitigate the risks are also addressed.

The unit requires candidates to have a comprehensive and appropriate understanding of the complex range of legislative and workplace requirements to manage risk in building and construction workplaces.

### **CPCBC4003A - Select and prepare a construction contract (Core)**

This unit of competency specifies the outcomes required to select and prepare appropriate construction contracts, including the sections, clauses and conditions for low rise construction projects. The ability to interpret complex documents, communicate clearly and succinctly and negotiate is essential skills.

### **CPCBC4004A - Identify and produce estimated costs for building and construction projects (Core)**

This unit of competency specifies the outcomes required to establish the estimated costs associated with the acquisition of materials and labour on building and construction sites, together with the application of relevant overhead costs and margins. Knowledge of physical resource and supplier identification, assessment of the availability of and requirements for skilled labour and application of appropriate codes, regulations and approvals gaining processes is essential.

### **CPCBC4007A - Plan building or construction work (Elective)**

This unit of competency specifies the outcomes required to plan on-site activities, including the employment of physical and human resources and the development of documentation and advice for relevant authorities concerning residential and commercial projects.

The ability to identify appropriate resources and suppliers, and assess the availability of and requirements for skilled labour are essential.

### **CPCBC4010B - Apply structural principles to residential low rise constructions (Core)**

This unit of competency specifies the outcomes required to apply structural principles to the erection or demolition of low rise residential structures using conventional methods. The unit addresses those structures classified by the Building Code of Australia (BCA) as Class 1 and Class 10. Knowledge of the application of structural principles in accordance with Australian standards is essential

### **CPCBC4013A - Prepare and evaluate tender documentation (Core)**

This unit of competency specifies the outcomes required to evaluate contract specifications and information and to prepare tender documents associated with projects in the building and construction industries.

Knowledge of tender preparation and interpretation of project demands and requirements and the capability to bring together a body of diverse information are essential. How to find the information and present it in a manner that meets organisational needs in short timeframes is important, as is the ability to manage time effectively.

### **CPCBC5001B - Apply building codes and standards to the construction process for medium rise building projects (Core)**

This unit of competency specifies the outcomes required to access, interpret and apply relevant building codes and standards applicable to the construction processes of medium rise commercial and wide span buildings (medium rise licensing classification with reference to Classes 1 and 10 construction, Classes 2 and 3 to a maximum of 3 storeys, and Classes 4 to 9 to a maximum of 3 storeys, not including Type A construction).

To successfully construct medium rise buildings requires thorough knowledge of the purpose and content of the Building Code of Australia (BCA), coupled with the ability to interpret other codes and standards related to a specific building.

### **CPCBC5002A - Monitor costing systems on medium rise building and construction projects (Core)**

This unit of competency specifies the outcomes required to monitor building or construction costing systems. The processes and practices involved in supervising and monitoring costing systems result in the ongoing maintenance of cost control and the production of expenditure schedules and other arrangements, which ensure contracts or projects remain on budget.

In order to achieve the outcomes for this unit, knowledge of relevant legislation, codes and standards, industry estimating and costing systems, and financial principles is required.

### **CPCBC5003A - Supervise the planning of on-site medium rise building or construction work (Core)**

This unit of competency specifies the outcomes required to supervise the planning process and organisation of on-site building or construction work projects up to and including medium rise commercial and wide span buildings (medium rise licensing classification with reference to Class 1 and 10 construction, Class 2 and 3 to a maximum of 3 storeys, Class 4 to 9 to a maximum of 3 storeys, not including Type A construction).

Successful supervision of planning and organisation requires effective interpretation of contractual and planning requirements and development of strategies for using human and physical resources effectively in order to comply with contractual obligations.

In order to achieve the outcomes for this unit, knowledge of relevant building and construction planning practices, state or territory building and construction codes, standards and regulations and human resource principles and practices is required.

### **CPCBC5005A - Select and manage building and construction contractors (Elective)**

This unit of competency specifies the outcomes required to select and manage building and construction contractors.

It covers the processes and practices involved in supervising the systems through which the selection and management of subcontract resources occurs within the organisation, and through which subcontracting needs are identified and quantified.

In order to achieve the outcomes for this unit, knowledge of relevant industry legislation, standards and codes, the subcontracting system and industrial relations processes is required.

### **CPCBC5007B - Administer the legal obligations of a building or construction contractor (Elective)**

This unit of competency specifies the outcomes required to administer the legal obligations of a building or construction contractor, including obligations as either party to a contract. It is concerned with licensing and/or builders' registration and other legislative matters as appropriate, and administering the systems through which the obligations of complying with legislation are fulfilled.

In order to achieve the outcomes for this unit, knowledge of relevant industry legislation, codes, standards, regulations, licensing, employee awards, agreements, OHS, taxation and insurance is required.

### **CPCBC5010B - Manage construction work (Core)**

This unit of competency specifies the outcomes required to manage construction work and/or projects, which may involve fulfilling single or multi-site commercial contractual obligations.

To successfully manage construction projects requires knowledge of relevant industry legislation, codes, standards, methods, procedures and practices as well as the ability to communicate effectively with others.

### **CPCBC5011A - Manage environmental management practices and processes in building and construction (Elective)**

This unit of competency specifies the outcomes required to manage environmental management practices and processes in building and construction, as part of the organisation's overall management system.

To successfully manage practices and processes requires knowledge of current trends in environmental practices and methodologies, statistical analysis and legislative requirements.

### **CPCBC5018A - Apply structural principles to the construction of medium rise buildings (Core)**

This unit of competency specifies the outcomes required to apply structural principles to the building of medium rise buildings. The design and construction of medium rise buildings require the input of a range of skilled professionals, including architects and engineers. The building and construction professional plays a significant role within this project team and requires the ability to communicate effectively with building design professionals, and develop sound and safe practices in relation to structural procedures on site.

## **Student Information**

### **Who are we?**

National Training Services Pty Ltd operates under the trading name National Construction Training RTO 21254 for delivery and assessment of Building and Construction qualifications.

National Construction Training RTO 21254 is a Registered Training Organisation (RTO) regulated by the Australian Skills Qualification Authority.

National Construction Training RTO 21254 provides national recognition of the training and assessment they provide, awards Nationally Recognised qualifications and maintain the records and documentation required by State and Federal Government regulatory and funding authorities.

National Construction Training 21254 has a range of qualifications on its Scope of Registration. Part of its offering includes Nationally Recognised Qualifications in the building and construction industry.

National Construction Training RTO 21254 provides the following building and construction industry qualifications:

- CPC40110 - Certificate IV in Building and Construction (Building)
- CPC50210 – Diploma of Building and Construction (Building)

### **Where does National Construction Training RTO 21254 teach it's building and construction industry courses?**

National Construction Training RTO 21254 has training facilities located at

- **Thomastown Address:** 3 Lucknow Crescent Thomastown 3075
- **Derrimut Address:** 6/31 Elgar Road Derrimut 3026
- **Dandenong Address:** 5 Broadlands Street Dandenong 3175

### **What learning resources and assessment tools are used?**

The learner material is industry based content. National Construction Training RTO 21254 has adapted the learning and assessment material by consulting with the industry and validating all assessments undertaken by students.

### **Recognition for previous learning**

National Construction Training RTO 21254 offers Credit Transfer and Recognition of Prior Learning for previous study or learning to all students. This will be discussed during your pre-training review and enrolment and if applicable National Construction Training RTO 21254 staff will assist you to make an application.

Students wanting to apply for Credit Transfer and Recognition of Prior Learning for previous study or learning must bring certified copies of all relevant qualifications, transcripts and statements of attainment to their interview and provide a copy of a signed and up to date employment resume to the interviewer.

### **What do you receive at the end of your study?**

If you complete your course in Building and Construction you will receive a Nationally Recognised Qualification in Building and Construction. If you partially complete your course in Building and Construction you will receive a Statement of Attainment for the units or competencies you complete. In both cases, these certificates can be used for Recognition of Prior Learning or Credit Transfer applications with other registered training organisations and TAFE Institutes. If you choose to study a higher qualification at another Registered Training Organisation (RTO) then credit transfer can be used toward the qualification.

### **Who are your teachers?**

National Construction Training RTO 21254 sources and employs building and construction professionals who hold the relevant qualifications and current industry skills competencies. The combination of building and construction expertise with the relevant skills and qualifications, offers our students the best in education and training.

### **Funding**

Eligibility for Victorian Government funding is assessed during your pre-training review and enrolment session.

### **Compliance: Complaints and Appeals & Support Services**

The NTS Complaints and Appeals & Support Services procedure can be viewed at [NTS Compliance Information](#)

### **More Information**

For more information about your enrolment with National Construction Training RTO 21254, please contact us on

- **Thomastown & Derrimut:** Phone (03) 8528 2682 or email queries to [naz@nationalconstructiontraining.edu.au](mailto:naz@nationalconstructiontraining.edu.au)
- **Dandenong:** Phone (03) 8773 3300 or email queries to [ravi.ramuni@nationalconstructiontraining.edu.au](mailto:ravi.ramuni@nationalconstructiontraining.edu.au)