



# CPC50220 DIPLOMA OF BUILDING AND CONSTRUCTION (BUILDING)

This course is designed to meet the needs of people working in the building industry whose intention is to become a Registered Building Practitioner, satisfying the education requirements of the VBA.

It is specifically designed for learners from a trades background who have already completed the Certificate IV in Building and Construction (CPC40120), and who can demonstrate commitment to taking another step in their career pathway. It requires learners to be actively engaged in the construction industry so they can demonstrate the practical aspects of the course in their worksites.

## Program Outcomes

Graduates of this course will develop and display a range of skills to manage effectively and efficiently building projects, focusing on the following core objectives.

- ✓ An understanding of the importance of site safety and risk management.
- ✓ How to monitor and control project costs and costing systems.
- ✓ How to apply the critical quality and risk management processes required in a building project.
- ✓ Application of quality standards to material selection.
- ✓ Application of building codes and standards on medium-rise construction projects.
- ✓ How to evaluate tenders and prepare responses.
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- ✓ Supervise the planning and apply site surveys, structural principles, and service layouts for medium-rise buildings.
- ✓ How to manage environmental and energy practices and processes.
- ✓ How to manage construction work.

## Program Snapshot



### Duration

18 months (12 months with credit transfers). 1 x 5 hours class per week. Learners will be expected to commit about 10-15 hours per week in their day-to-day workplaces to learn, practice and demonstrate the skills taught. Student who holds CPC40120 Cert IV Building & Construction, course duration will be reduce to 12 months.



### Delivery Options

Face to face classroom (or delivered in the workplace), supplemented by extensive workplace practice.



### Assessment Methods

Theory & knowledge assessments  
Case studies  
Practical exercises  
Project Work  
Workplace observations



### Pre-requisites

A current CPCWHS1001 – Work Safely in the Construction Industry (White Card). Learners must be employed in a position in the construction industry that allows them to demonstrate application of the process and management skills required by the program. Learners will need access to the internet for on-line research and activities. LLN will be assessed prior to course commencement.



### Resources Provided

Learning resources will be provided including training manuals, PowerPoint presentations, You-tube clips webinars etc.



### Costs

\$12,000 full fee. Federal & State Government funding may be available for eligible individuals. Contact us to see if you are eligible for government funding.



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*This program is intended for experienced tradespeople who are serious about investing in themselves to develop career path opportunities for the future. It requires commitment to attend training and to complete assignments within specified deadlines. Learners will be expected to make this commitment before being enrolled in the program, and deviation from it during the course may result in them being withdrawn.*

## Program Structure

CPCBC5001	Apply building codes and standards to the construction process for Type B construction
CPCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
CPCBC5010	Manage construction work
CPCBC5003	Supervise the planning of onsite building and construction work
CPCBC5006	Apply site surveys and set-out procedures to building projects up to three storeys
CPCBC5009	Identify services layout and connection methods for Type C and B construction
CPCBC5013	Manage professional technical and legal reports on building and construction projects
BSBOPS504	Manage risk
BSBWHS513	Lead WHS risk management
CPCBC5018*	Apply structural principles to the construction of buildings up to 3 storeys
CPCBC5005	Select and manage building and construction contractors
CPCBC5007	Administer the legal obligations of a building and construction contractor
CPCBC5012	Manage the application and monitoring of energy conservation and management practices and processes
CPCBC5011	Manage environmental management practices and processes in building and construction
CPCBC5019	Manage building and construction business finances
CPCBC5002	Monitor costing systems on complex building and construction projects
CPCBC4013	Prepare and evaluate tender documentation
CPCBC4001	Apply building codes and standards to the construction process for class 1 and 10 buildings
CPCBC4003	Select, prepare and administer a construction contract
CPCBC4004	Identify and produce estimated costs for building and construction projects
CPCBC4005	Produce labour and material schedules for ordering
CPCBC4008	Supervise site communication and administration processes for building and construction projects
CPCBC4009	Apply legal requirements to building and construction projects
CPCBC4010*	Apply structural principles to residential and commercial constructions
CPCBC4012	Read and interpret plans and specifications
CPCBC4014	Prepare simple building sketches and drawings
CPCBC4018	Apply site surveys and set-out procedures to building and construction projects

**Induction:** Trainees will be introduced to the course, delivery and assessment methods, and expectations and rights of trainees prior to course commencement.

All trainees are expected to comply with worksite WHS procedures and policies during practical activities. Safety procedures in the classroom will be explained at the commencement of the course.

**RPL & Credit Transfer:** Students who believe they have sufficient experience to demonstrate full competence against particular units may apply for RPL using the forms and processes available from the TME office. Students may apply for credit transfer for any units completed in prior qualifications, including for the elective units.

**Funding:** This program may be supported by Victorian State Government funding or subsidised by the NSW Government subject to eligibility. New employees may also be eligible for Commonwealth Government Funding. Contact us to check your eligibility.

**Workplace Training:** Programs can be customised to meet individual or workplace requirements. On the job training and assessment activities are built into our programs to benefit employers and enable learners to develop relevant workplace skills.

We actively tailor training for people from diverse backgrounds, including those with disabilities, and encourage all to apply.

Information in this flyer is current at 05/2021 and may be subject to change. Contact us to ensure you have the most current information about this program.

CPC50220 v2021.05