

# CPC40120 CERTIFICATE IV IN BUILDING AND CONSTRUCTION

The Certificate IV in Building and Construction is designed to meet the needs of people working in the building industry and who aim to be builders and managers of small to medium-sized building projects.

This nationally recognised qualification will increase your knowledge and skills in the Residential Building Industry. This program helps develop skills in project supervision, building project management, building estimating and construction business management.

## Program Outcomes

Graduates of this course will develop and display a range of skills to plan and execute the construction of residential & low-rise buildings, focusing on the following core objectives effectively and efficiently.

- ✓ Understand the legal requirements for residential and low-rise commercial buildings projects.
- ✓ Access, interpret and apply relevant building codes and standards to construction processes of residential and low-rise commercial buildings.
- ✓ Read and interpret plans and specifications to accurately estimate, plans and supervise low rise residential and commercial building and construction projects.
- ✓ Inspect the workplace for hazards and conduct OHS risk assessments. Understand OHS legislation and how to comply.
- ✓ Apply structural principles to the erection or demolition of low rise residential and low-rise commercial structures.
- ✓ Undertake risk analysis for all aspects of a construction business.
- ✓ Supervise implementation of administration processes relating to residential and commercial construction projects.
- ✓ Plan on-site activities, source resources and develop documentation for relevant authorities related to residential and commercial building and construction projects.
- ✓ Knowledge of tender preparation and interpretation of project demands and requirements and the capability to bring together a body of diverse information for tender review, selection, and interpretation.
- ✓ Select and prepare appropriate construction contracts, including the sections, clauses, and conditions for low rise construction projects.

## Program Snapshot



### Duration

40-46 weeks, 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.



### Delivery Options

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



### Assessment Methods

- Theory & knowledge assessments
- Case studies
- Practical exercises
- Workplace Supervisors' reports
- Project work



### Pre-requisites

It is required that learners be employed in a position in the construction industry that allows them to demonstrate application of process and management skills required by the program. Learners will need access to the internet for on-line research and activities.

Learners must hold a White Card as evidence of their participation in the industry.

LLN will be assessed prior to course



### Resources Provided

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



### Costs

\$10,000 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

CPCBC4009	Apply legal requirements to building and construction projects
CPCBC4002	Manage work health and safety in the building and construction workplace
CPCBC4026	Arrange building applications and approvals
CPCBC4003	Select, prepare and administer a construction contract
CPCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 Buildings
CPCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C Buildings
CPCBC4010*	Apply structural principles to residential and commercial constructions
CPCBC4012	Read and interpret plans and specifications
CPCBC4014	Prepare simple building sketches and drawings
CPCBC4004	Identify and produce estimated costs for building and construction projects
CPCBC4005	Produce labour and material schedules for ordering
CPCBC4006	Select, procure and store construction materials for building and construction projects
CPCBC4007	Plan building or construction work
CPCBC4008	Supervise site communication and administration processes for building and construction projects
CPCBC4018	Apply site surveys and set-out procedures to building and construction projects
CPCSUS4002	Use building science principles to construct energy efficient buildings
CPCBC4020	Build thermally efficient and sustainable structures
CPCBC4021	Minimise waste on the building and construction site

**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 past 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.

CPC40120 V2021.05