



CERTIFICATE IV IN BUILDING & CONSTRUCTION (BUILDING) CPC40120

The Certificate IV in Building & Construction (Building) 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 is the most up to date course available to you, including all the recent amendments made to the 2020 version.

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 effectively and efficiently plan and execute the construction of residential & low rise buildings, focusing on the following core objectives.

- ✓ 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 so as 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

Up to 52 weeks
Learners will be expected to commit about 5-15 hours per week in their day-to-day workplaces to learn, practice and demonstrate the skills taught.
Classes commence in March 2021



Delivery Options

Delivered online with weekly or fortnightly live ZOOM sessions.



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 commencement.



Resources Provided

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



Costs

It is required that learners be employed in a position in the construction industry that allows them to demonstrate application of process and





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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

CPC40120 Certificate IV in Building & Construction (Building) requires completion of 19 units of competency

- CPCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 buildings
- CPCBC4002 Manage work health and safety in the building and construction workplace
- CPCBC4007 Plan building and construction work
- 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
- CPCBC4021 Minimise waste on the building and construction site
- CPCBC4053 Apply building codes and standards to the construction process for Class 2 to 9 Type C 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
- CPCBC4006 Select, procure and store construction materials for building and construction projects
- CPCBC4020 Build thermally efficient and sustainable structures
- CPCSUS4002 Use building science principles to construct energy efficient buildings
- BSBPMG422 Apply project quality management techniques
- CPCBC4026 Arrange building applications and approvals

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 may be subject to change. Contact us to ensure you have the most current information about this program

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For more information and to complete an expression of Interest, please contact **Brendon Hook 0466 356 407** or **brendonh@tme.edu.au**