



**ALPHA COLLEGE**  
OF AUSTRALIA

## CPC40120 Certificate IV in Building and Construction (Building)

CRICOS Course Code 120593E



### OVERVIEW OF COURSE

The CPC40120 Certificate IV in Building and Construction is a nationally recognised qualification designed for those who want to move beyond the tools and step into supervisory, management, or builder roles in the construction industry.

Graduates will be equipped with the technical knowledge and leadership skills required to oversee residential and commercial projects from planning through to completion. This qualification also supports those aiming to meet the licensing requirements for builders in New South Wales and other Australian states and territories.

With strong industry demand for qualified supervisors and builders, this course provides the next step for carpenters and tradespeople looking to advance their careers, as well as for individuals seeking to enter management pathways in construction.

### WHO SHOULD APPLY FOR THIS COURSE AND WHY?

This course is perfect for carpenters and tradespeople who have completed the CPC30220 Certificate III in Carpentry and are ready to step into supervisory or builder roles. It suits those aiming to meet builder licensing requirements, manage projects, and lead teams in residential or commercial construction.

## Quick Facts



#### Course Duration

Total of 52 weeks  
Study: 40 weeks | Break: 12 weeks



#### Study Load

Full-time  
20 hours per week / 4 terms



#### Delivery Mode

Blended  
(Face to Face + Online)



#### Job Outcomes

Builder · Construction Supervisor  
Site Manager · Site Supervisor  
Leading Hand

### Entry Requirements

- Must be 18 years of age or older at the time of course commencement
- Completion of Year 12 or equivalent education
- Provide proof of English language proficiency (IELTS 6.0 or equivalent)
- Successfully complete the Alpha Language, Literacy & Numeracy (LLN) test
- Successfully complete the Alpha Digital Literacy to show confidence in using the internet and common software for learning
- Must be able to participate in training within a simulated workplace environment, including performing manual handling tasks
- A pre-enrolment interview may be required

### Study Pathways

- CPC50220 Diploma of Building and Construction (Building)
- Higher education qualifications in construction and related fields



## Course Structure

The following units are included in this course, and all are required for the award of the qualification. If you successfully complete some but not all units, you will be awarded with a Statement of Attainment. There are 19 units of competency in total as listed below:

Code	Title	Core / Elective
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	●
CPCBC4012	Read and interpret plans and specifications	●
CPCBC4002	Manage work health and safety in the building and construction workplace	●
CPCBC4021	Minimise waste on the building and construction site	●
CPCBC4014	Prepare simple building sketches and drawings	●
CPCBC4007	Plan building and construction work	●
CPCBC4010*	Apply structural principles to residential and commercial constructions	●
CPCBC4009	Apply legal requirements to building and construction projects	●
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	●
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	●
BSBPMG422	Apply project quality management techniques	●
CPCSUS4002	Use building science principles to construct energy efficient buildings	●
CPCBC4013	Prepare and evaluate tender documentation	●
CPCBC4052	Lead and manage teams in the building and construction industry	●

Prerequisite requirements: CPCBC4053 and CPCBC4001 must be completed before undertaking unit marked with an asterisk (\*).

## Training and Assessment Methods

Training methods include lectures, interactive discussions, role plays, case studies, group projects, live demonstrations, and guided practical activities. In this qualification, the focus moves beyond hands-on trade skills (as in CPC30220 Certificate III in Carpentry) to practical learning in construction management, project coordination, compliance, and site supervision. Students will work through simulated building project scenarios, applying their knowledge in a safe, structured environment before transferring these skills to real-world settings.

### Assessment methods include:

- Knowledge questions
- Practical demonstrations and observations
- Projects and case studies
- Portfolio of evidence (where applicable)

All assessments reflect real workplace conditions and industry standards. Students are assessed against the requirements of each unit of competency, ensuring they can demonstrate both the technical knowledge and applied supervisory skills required for site management and builder licensing pathways.



## Course Credit

You can apply for recognition of existing qualifications or skills, knowledge, and experience (credit transfer or recognition of prior learning) as per the information included in our International Student Handbook, which is available at [www.alpha.edu.au](http://www.alpha.edu.au).

Please note that although we are required to offer you RPL, it would not be expected as an international student that you would pursue this opportunity as most likely you would not have relevant workplace experience and existing skills and knowledge.

If you are granted course credit, this will affect your course fees as well as the duration of your course. We will advise you in writing of changes to fees or course duration as a result of the credit.

You will also be issued with a new Confirmation of Enrolment.