

CONSTRUCTION – Stage 5

Statement of Attainment towards CPC10120 Certificate I in Construction

This qualification provides a pathway to the primary trades in the construction industry with the exception of plumbing. Trade outcomes are predominantly achieved through an Australian Apprenticeship and this Certificate II allows for inclusion of skills suited for entry to off-site occupations, such as joinery and shop fitting as well as carpentry, bricklaying and other occupations in general construction.

This Certificate I is designed to introduce learners to the recognised trade callings in the construction industry and provide meaningful credit in a Construction Industry Australian Apprenticeship.

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|----------------|---------------------------|------------------|----------------------|
| Hours | 100 hrs x 1 year | Training Package | CPC |
| Cohort | Stage 5 (Year 10) | Work Placement | Recommended 35 hours |
| Course Details | VET Board Endorsed Course | SBAT | Not Available |

Example of Competencies to achieve the full certificate.

| Topic | Unit Code | Unit Title | Status |
|------------------------------------|-------------|--|----------|
| Safety First | CPCWHS1001 | Prepare to work safely in the construction industry | Core |
| | CPCCWHS2001 | Apply WHS requirements, policies and procedures in the construction industry | Core |
| Construction Calculation & Project | CPCCCM2004 | Handle construction materials | Core |
| | CPCCCM1011 | Undertake basic estimation and costing | Core |
| | CPCCVE1011 | Undertake a basic construction project | Core |
| Simple Sketches | CPCCOM1017 | Prepare simple construction sketches | Elective |

ASSESSMENT METHODS

This course is competency based and the student's performance is assessed against prescribed industry standards. Assessment methods include:

- Knowledge question
- Performance base tasks

DUTIES AND TASKS OF A CARPENTER

- Construct formwork into which concrete is poured
- Set out an outline of the building on the ground of the site, using string & pegs to allow for excavations
- Build floors, wall frameworks (timber or metal) and roofs, and lay timber floors
- Read plans and specifications to determine the dimensions, materials required and installation processes to be followed
- Install metal and timber windows, sashes and doors
- Construct and erect prefabricated units, such as cottages and houses
- Cut materials with hand and power tools and assemble, nail, cut or shape parts
- Install door handles, locks, hardware, flooring underlay, insulating material and other fixtures

PERSONAL REQUIREMENTS

- Enjoy practical work
- Able to cope with the physical demands of the job
- Able to work with your hands
- Good sense of balance and ability to work at heights
- Good at mathematics
- Good health and eyesight
- Able to work as part of a team

FURTHER STUDY

Apprenticeship, for example in

- Carpentry
- Bricklaying and Blocklaying
- Wall and Floor Tiling
- Solid Plastering
- Builder

JOB ROLES IN THE CONSTRUCTION INDUSTRY

Trades' assistants work with carpentry tradespeople by handling construction materials, using tools and equipment, erect and dismantle formwork for footings and slabs on ground.