

Next Generation: Carpentry Level 3 41 Weeks – Fulltime (2021)

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The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989, and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

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| Graduate Profile | <p>Graduates of the New Zealand Certificate in Construction Trade Skills (Level 3) (Carpentry Strand) will be able to:</p> <ul style="list-style-type: none"> • Work safely and in accordance with compliance and regulatory requirements in the construction trades sector • Carry out assigned carpentry work in a project environment • Communicate effectively with colleagues and customers within the construction industry • Perform simple calculations to complete a range of familiar tasks in the construction sector • Read and use specifications and drawings to complete simple construction projects • Understand and apply specific carpentry terminology and concepts when carrying out carpentry work in a project environment • Understand basic building technology, the properties of timber, concrete, steel and composite products, interior and exterior linings and fixings, and apply this knowledge to carpentry projects • Use construction and installation processes and techniques while carrying out carpentry projects • Carry out assigned carpentry work in a project environment <p style="color: red;"><i>Qualification: New Zealand Certificate in Construction Trade Skills (Carpentry) Level 3 NZ2834</i></p> |
| Employment Pathway | <p>Graduates of this qualification will be able to enter employment in trades within the construction industry as a labourer or an apprentice. With additional training and/or experience they may go on to further roles in the construction industry such as carpenter, joiner, plasterer, painter or roofer.</p> |

| Unit Schedule | Unit Standard Title | Level | Version | NZQA Credits |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------|---------|--------------|
| COMPULSORY (must complete <u>all</u> courses) | | | | |
| NZCC3.001 | First Aid | 2 | | 2 |
| 6401 | Provide first aid | 2 | 6 | 1 |
| 6402 | Provide basic life support | 1 | 8 | 1 |
| NZCC3.002 | Safe Work Practices | 3 | | 6 |
| 13016 | Demonstrate knowledge of the erection and dismantling of scaffolding up to five metres in height | 3 | 4 | 3 |

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|------------------|--------------------------------------------------------------------------------------------|----------|---------|--------------|
| 12997 | Demonstrate knowledge of safe working practices on construction sites | 3 | 4 | 3 |
| NZCC3.003 | Hand Tools | 3 | | 10 |
| 12998 | Demonstrate knowledge of carpentry hand tools | 3 | 3 | 4 |
| 13037 | Safely use and maintain carpentry hand tools on site | 3 | 3 | 6 |
| NZCC3.004 | Power Tools | 3 | | 12 |
| 13000 | Demonstrate knowledge of portable power tools used on construction sites | 3 | 3 | 4 |
| 13039 | Safely use and maintain portable power tools and attachments for construction work on site | 3 | 3 | 8 |
| NZCC3.005 | Working Effectively | 3 | | 5 |
| 29680 | Communicate and work effectively in a Stage 3 BCATS project | 3 | 1 | 5 |
| NZCC3.006 | Site Plans | 3 | | 10 |
| 24362 | Demonstrate knowledge of working drawings and specifications for building work | 3 | 1 | 3 |
| 13004 | Demonstrate knowledge of setting out a building | 4 | 3 | 3 |
| 24378 | Perform building calculation | 3 | 1 | 4 |
| NZCC3.007 | Flooring and Slab | 3 | | 10 |
| 13006 | Demonstrate knowledge of preparation for footings and slab on ground construction | 4 | 3 | 2 |
| 13043 | Excavate and prepare for footings and slab on ground on site | 3 | 3 | 8 |
| NZCC3.008 | Concrete Work | 3 | | 3 |
| 13010 | Demonstrate knowledge of making and placing concrete | 3 | 3 | 3 |
| NZCC3.009 | Building Legislation | 3 | | 3 |
| 24364 | Demonstrate knowledge of compliance with building legislation | 3 | 1 | 3 |
| NZCC3.010 | Timber and Exterior Claddings | 4 | | 5 |
| 13002 | Demonstrate knowledge of timber used in construction | 3 | 3 | 2 |
| 13017 | Demonstrate knowledge of fixing exterior claddings | 4 | 3 | 3 |
| NZCC3.011 | Interior Linings and Trim | 4 | | 5 |
| 24388 | Demonstrate knowledge of cutting, fitting and fixing interior linings and trim | 4 | 1 | 5 |
| NZCC3.012 | Framing | 4 | | 13 |
| 24382 | Demonstrate knowledge of setting out, assembling and erecting timber and steel wall frames | 4 | 1 | 5 |
| 21015 | Assemble wall frames in a controlled environment | 3 | 2 | 8 |

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|----------------------|-------------------------------------------------------------------------------------------|----------|---------|--------------|
| NZCC3.013 | Demolition | 3 | | 1 |
| 13031 | Demonstrate knowledge of regulations and precautions for demolition work | 3 | 3 | 1 |
| NZCC3.014 | Weatherproofing | 3 | | 4 |
| 21211 | Demonstrate knowledge of the principles of, and methods used in weatherproofing buildings | 3 | 2 | 4 |
| NZCC3.015 | Reinforcing | 3 | | 5 |
| 13046 | Fabricate and place reinforcing steel and steel mesh on site | 3 | 3 | 5 |
| NZCC3.016 | Piles and Flooring | 3 | | 26 |
| 24396 | Construct pile foundations on site | 3 | 1 | 16 |
| 24397 | Construct floor framing and flooring on site | 3 | 1 | 10 |
| Total Credits | | | | 120 |

Course Starts: 1st February 2021 and 12 July 2021

Course Contact Days: Monday to Friday

Number Weeks Including Holidays: 41

Tutors: Steve McKee and Glen Blythe

Fees: FEES FREE (Normally \$3,435.01 incl GST)

Delivery Site: 364 No.3 Line Carpentry Site

ENROLMENT ENQUIRIES 0800 348 8215 or info@agctraining.co.nz