

New Zealand Certificate in Construction Trade Skills (Level 3)

Strands offered: Allied Trades, and Carpentry

MOE Code	NZ2834	Level	3	Duration	Allied Trades – 1 semester (full-time) Carpentry – 1 academic year (full-time)	Version	1
Delivery	Full-time, Intramural.		Intakes		February		
Strategic Purpose	<p>The purpose of this qualification is to provide the wider construction trades sector with work-ready people able to enter the construction trades as a labourer or an apprentice who have developed essential transferable skills and underpinning knowledge applicable to a wide range of construction-related trades.</p> <p>This qualification is suitable for people new to, or intending to enter, the construction trades sector. The strands recognise the knowledge and skills required of entrants to allied trades, or the carpentry or joinery trades. The allied trades include painting and decorating, roofing, interior systems and exterior plastering.</p> <p>Graduates will be able to work in the construction trades sector with limited supervision having gained skills and knowledge in health and safety, trade mathematics, hand tools and project work related to different aspects of the construction industry.</p>						
Graduate profile	<p>Graduates 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 • communicate effectively with colleagues and customers within the construction industry • read and use specifications and drawings to complete simple construction projects • perform simple calculations to complete a range of familiar tasks in the construction sector. <p>Graduates of the Allied Trades strand will also be able to:</p> <ul style="list-style-type: none"> • apply generic construction industry terminology and display job role and inter-relationship knowledge while carrying out allied trades' tasks • identify and correctly use hand tools and materials to complete familiar tasks in the allied trades • carry out assigned project work for allied trades. <p>Graduates of the Carpentry strand will also be able to:</p> <ul style="list-style-type: none"> • understand and apply specific carpentry terminology and concepts such as line, level, square and plumb 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. 						
Education pathway	<p>People undertaking this qualification may be a school leaver; have attained the Construction and Infrastructure; Vocational Pathway for NCEA level 2; build on a pre-trade qualification at Level 1 or 2; or have a background in an area related to the building and construction sector.</p> <p>The holders of this qualification may choose to continue their education towards a Level 4 qualification in carpentry, joinery or another construction-related allied trade.</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>						
Award(s)	New Zealand Certificate in Construction Trades Skills (Level 3) (with strand)						
Completion requirements	<p>60 - 120 credits, as listed in Programme Structure. A minimum attendance of 80 percent is required across the programme.</p> <p><i>This programme has been accredited by NZQA. It may be partially assessed against unit standards from the NZQF. Where this occurs, credits will be reported to NZQA.</i></p>						
Entry requirements	<p>All applicants must:</p> <ul style="list-style-type: none"> • be at least 16 years old at the time the programme commences • hold 10 credits in each of literacy (reading and writing) and numeracy in NCEA Level 1 or be able to demonstrate suitable knowledge and skills • be physically able to complete the programme specific outcomes <p>Applicants aged 20 years or above who do not meet the academic entry requirements, but who can demonstrate their skills, education and / or work experiences, may be eligible for special admission.</p> <p>International applicants, for whom English is not their first language, must have an IELTS score of 5 with no band score lower than 5; or hold an accepted international equivalence.</p>						
Selection information	<p>Applicants are required to attend an information session where students must demonstrate their ability, interest, motivation and commitment to succeed in the programme. Where applicants exceed available places, applicants will be selected by order of complete applications received.</p>						
Credit recognition	<p>Credit from Recognition of Prior Learning, Credit Transfer and Unit Standard Transfer (if applicable) will be in accordance with the policy <i>Credit Recognition (05.004)</i>.</p>						
Time limit for completion	<p>Allied Trades - 1 year from initial enrolment Carpentry - 2 years from initial enrolment</p>						
Programme structure							
Note: Unit standards listed in this programme are correct at the time of publication, but may be subject to change as required by NZQA.							
Code	Title					Credits	Level
Compulsory courses							
BULD3059	Workplace Safety Frameworks and Practices					20	3
BULD3060	Skills for Construction Trades					10	3
Compulsory - Allied Trades Strand							
BULD3061	Terminology and Job Role Knowledge					10	3
BULD3062	Allied Trades Project					20	3
Compulsory - Carpentry strand							
BULD3063	Carpentry Terminology and Concepts					10	3
BULD3064	Building Technology and Properties					10	3
BULD3065	Construction and Installation Processes and Techniques					10	3
BULD3066	Carpentry Project Preliminaries					15	3
BULD3067	Carpentry Project Foundations and Support Structures					15	3
BULD3068	Carpentry Project Frames, Structures and Exterior Envelope					15	3
BULD3069	Carpentry Project Interior Linings and Finishing					15	3

Course prescriptors			
Title	Code	Credits	Level
Workplace Safety Frameworks and Practices	BULD3059	20	3
<p>Aim: To introduce students to the legislative frameworks and requirements for workplace safety in the construction industry and requires students to select and consistently apply safe working practices and effective communication skills as they undertake project based work.</p> <p><i>Students may be assessed against unit stands 6400, 6401, and 6402</i></p>			
Skills for Construction Trades	BULD3060	10	3
<p>Aim: In this course students will identify, read, and use specifications and drawings and calculation skills that underpin effective practice in the construction industry.</p>			
Terminology and Job Role Knowledge	BULD3061	10	3
<p>Aim: In this course students will learn and use generic construction industry terminology and display job role knowledge to complete familiar tasks in the allied trades.</p>			
Allied Trades Project	BULD3062	20	3
<p>Aim: In this course students will work on construction projects that require the manufacture and assembly of construction trade items, selection of appropriate materials and coatings and finishes and recognition of compliance requirements.</p>			
Carpentry Terminology and Concept	BULD3063	10	3
<p>Aim: This course aims to introduce students to fundamental carpentry concepts and carpentry terminology when carrying out carpentry tasks.</p>			
Building Technology and Properties	BULD3064	10	3
<p>Aim: In this course students will explain a range of basic building technologies and outline the properties of building materials/products and linings that are used in a variety of carpentry projects.</p>			
Construction and Installation Processes and Techniques	BULD3065	10	3
<p>Aim: In this course students will identify and apply a range of construction processes and installation processes and techniques when carrying out carpentry tasks.</p>			
Carpentry Project Preliminaries	BULD3066	15	3
<p>Aim: In this course students will complete a carpentry project that focuses on preliminary work and consent and compliance requirements.</p>			
Carpentry Project Foundations and Support Structures	BULD3067	15	3
<p>Aim: In this course students will carry out foundation and support structure work and meet compliance requirements for a defined carpentry project.</p>			
Carpentry Project Frames, Structures and Exterior Envelope	BULD3068	15	3
<p>Aim: In this course students will complete frame and related structures and exterior envelope work and meet compliance requirements for a defined carpentry project.</p>			
Carpentry Project Interior Linings and Finishing	BULD3069	15	3
<p>Aim: In this course students will complete interior lining and finishing work and meet compliance requirements for a defined carpentry project.</p>			