

New Zealand Certificate in Carpentry (Level 4)

MOE Code	NZ2738	Level	4	Duration	4 academic years (full-time)	Version	1
Delivery	Full-time, Intramural. Part-time option available					Intakes	Semesters 1 and 2
Strategic purpose	<p>This qualification is for those working as carpenters, and for those wishing to work as carpenters, in the construction industry.</p> <p>The qualification is designed to provide the building and construction industry with trained people who have achieved the practical skills and knowledge required to work unsupervised, to construct, repair and install building structures to the level required of a commercially competent carpenter.</p> <p>This qualification supports the knowledge and skill requirements of the Carpentry class of the Licensed Building Practitioner (LBP) scheme.</p>						
Graduate profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> Understand and apply a broad practical working knowledge of the fundamentals required in the carpentry trade in order to undertake all carpentry work, including; tools and equipment, materials, the legislative framework, regulatory requirements, drawings and specifications, building types, methods of construction, building science, building mathematics, and communication. Competently plan and carry out all aspects of establishing and maintaining construction sites including preparatory demolition and set out for buildings. Competently plan and carry out all aspects of the construction of; framed and solid foundations, and retaining walls. Competently plan and carry out all aspects of wall, roof, ceiling, column, post, beam and portal construction to form frames and structures of buildings. Competently plan and carry out all aspects of roof claddings, joinery and wall claddings. Competently plan and carry out all aspects of insulation, linings, finishing trim, joinery, hardware and sound control systems. Self-manage on-going learning and supervise the learning of others with a responsibility to maintain the professional standards of the construction industry. Operate competently and unsupervised to the required safety, technical, quality and productivity standards expected in a commercial environment. 						
Education pathway	<p>Graduates of this qualification may choose to continue their education with the following:</p> <ul style="list-style-type: none"> New Zealand Certificate in Construction Related Trades (Supervisor) (Level 4) [Ref: 2381] New Zealand Certificate in Construction Related Trades (Main Contract Supervision) (Level 5) [Ref: 2382] New Zealand Diploma in Construction Management (Level 6) with strands in Construction Management and Quantity Surveying [Ref: 2420] 						
Employment pathway	<p>Graduates of this qualification will be qualified carpenters. They may go on to further roles such as site supervision, project management, contracts management, quantity surveying, business owner, building inspection and assessment, tutor or training advisor.</p>						
Award(s)	New Zealand Certificate in Carpentry (Level 4)						
Completion requirements	<p>320 credits, as listed in Programme Structure.</p> <p><i>This programme has been accredited by NZQA. As it does not contain unit standards from the NZQF, credits are not reported to NZQA.</i></p>						
Entry requirements	<p>Applicants must:</p> <ul style="list-style-type: none"> Have achieved at least 40 credits in NCEA (Level 1) including 10 literacy credits and 10 numeracy credits; or Have achieved Certificate in Construction Trade Skills (Level 3) Carpentry strand; or Demonstrate skills for tertiary study (including literacy and numeracy) acquired through study, work and/or life experience. Be employed in the carpentry industry at the time of study and enter into a three-way training agreement between the student, employer and NorthTec. <p>Applicants, for whom English is not their first language, must have an IELTS Academic score of 5.5 with no band score lower than 5.5; or hold an accepted international equivalence.</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	8 years from initial enrolment						
Programme structure							
Code	Title				Credits		Level
Year One							
4889.3001	Workplace Safety Fundamentals				15		3
4889.3002	Core Construction Communication Skills				15		3
4889.3003	Preliminary Works for Construction Activity				15		3
4889.3004	Skill Development for Construction				15		3
Year Two	Select 75 credits from the Year 2-4 compulsory course list				75		
Year Three	Select 90 credits from the Year 2-4 compulsory course list				90		
Year Four	Select 95 credits from the Year 2-4 compulsory course list				95		
Year Two to Four							
<p>It is not expected that all students will complete all steps of the programme in numerical order. Students have the opportunity to concurrently complete courses regardless of which step they are at.</p>							
4889.3005	Sub Structure Task Development in Concrete and Timber				15		3
4889.4006	Structural Task Development for Construction				15		4
4889.4007	Roof Structural Task Development for Construction				15		4
4889.4008	Exterior Envelope Task Development for Construction				15		4
4889.4009	Interior Fit out Task Development for Construction				15		4
4889.4010	Construct Support Structures				15		4
4889.4011	Prepare a Site for Building Work				15		4
4889.4012	Frame and Roof Structures				15		4
4889.4013	Exterior Envelope				15		4
4889.4014	Interior Lining and Finishing				15		4
4889.4015	Supervision on Site				15		4

Code	Title	Credits	Level
4889.4016	Project Management for Building Work	10	4
4889.4017	Support Structures for Building Work	15	4
4889.4018	Frames and Structures for Building Work	15	4
4889.4019	Roof Structures for Building Work	15	4
4889.4020	Interior Linings and Finishing for Building Work	15	4
4889.4021	Exterior Envelope Roof	10	4
4889.4022	Exterior Envelope Cladding	15	4
Course prescriptors			
Title	Code	Credits	Level
Workplace Safety Fundamentals	4889.3001	15	3
Aim: To enable students to work safely in a construction environment.		<i>Work experience:30 hours</i>	
Core Construction and Communication Skills	4889.3002	15	3
Aim: To enable students to develop core construction and communication skills.		<i>Work experience:30 hours</i>	
Preliminary Works for Construction Activity	4889.3003	15	3
Aim: To enable students to prepare a building site for building work.		<i>Work experience:30 hours</i>	
Skill Development for Construction	4889.3004	15	3
Aim: To enable students to prepare a building site for building work.		<i>Work experience:20 hours</i>	
Substructure Task Development in Concrete and Timber	4889.3005	15	3
Aim: To enable students to develop practical capability in foundation and floor systems for building works.		<i>Work experience:50 hours</i>	
Structural Task Development for Construction	4889.4006	15	4
Aim: To enable students to develop practical capability in foundation and floor systems for building works.		<i>Work experience:80 hours</i>	
Roof Structural Task Development for Construction	4889.4007	15	4
Aim: To enable students to develop practical capability in roof structure for building work.		<i>Work experience:50 hours</i>	
Exterior Envelope Task Development for Construction	4889.4008	15	4
Aim: To enable students to develop practical capability in weather tightness for building works.		<i>Work experience:100 hours</i>	
Interior Fit Out Task Development for Construction	4889.4009	15	4
Aim: To enable students to develop practical capability to fit out interiors for building work.		<i>Work experience:50 hours</i>	
Construct Support Structures	4889.4010	15	4
Aim: To enable students to construct concrete and timber substructures with minimal supervision.		<i>Work experience:120 hours</i>	
Prepare a Site for Building Work	4889.4011	15	4
Aim: To enable students to use documentation to prepare a construction site for building work.		<i>Work experience:80 hours</i>	
Frame and Roof Structures	4889.4012	15	4
Aim: To enable students to construct frame and roof structures.		<i>Work experience:80 hours</i>	
Exterior Envelope	4889.4013	15	4
Aim: To enable students to complete an exterior envelope for building work.		<i>Work experience:80 hours</i>	
Interior Lining and Finishing	4889.4014	15	4
Aim: To enable students to prepare and fit out internal environment.		<i>Work experience:80 hours</i>	
Supervision on Site	4889.4015	15	4
Aim: To enable students to supervise building work on site.		<i>Work experience:100 hours</i>	
Project Management for Building Work	4889.4016	10	4
Aim: To enable students to plan for building work on site.		<i>Work experience:10 hours</i>	
Support Structures for Building Work	4889.4017	15	4
Aim: To enable students to identify the requirements for support structures and floor systems for construction.		<i>Work experience:20 hours</i>	
Frames and Structures for Building Work	4889.4018	15	4
Aim: To enable students to understand the requirements to construct wall structures.		<i>Work experience:20 hours</i>	
Roof Structures for Building Work	4889.4019	15	4
Aim: To enable students to understand the requirements to construct roof structures.		<i>Work experience:20 hours</i>	
Interior Linings and Finishing for Building Work	4889.4020	15	4
Aim: To enable students to understand the requirements to fit out the interior of a building.		<i>Work experience:20 hours</i>	
Exterior Envelope Roof	4889.4021	10	4
Aim: To enable students to understand the requirements for roof cladding systems.		<i>Work experience:20 hours</i>	
Exterior Envelope Cladding	4889.4022	15	4
Aim: To enable students to know the requirements for weathertight cladding systems.		<i>Work experience:20 hours</i>	