

## Qualification details

<b>Title</b>	New Zealand Certificate in Surveying (Level 4)		
<b>Version</b>	1	<b>Qualification type</b>	Certificate
<b>Level</b>	4	<b>Credits</b>	75
<b>NZSCED</b>	031101 Engineering and Related Technologies > Geomatic Engineering > Surveying		
<b>Qualification developer</b>	Infrastructure ITO		
<b>Next review</b>	31 December 2020		
<b>Approval date</b>	19 November 2015		
<b>Strategic purpose statement</b>	<p>The purpose of the qualification is to provide the surveying profession with assistant surveyors, who have the skills and knowledge to work safely in the surveying profession, collect basic survey information and present it in a range of useable forms, and apply practical surveying skills under supervision.</p> <p>This is an entry level qualification designed for people commencing their career in the surveying profession.</p>		
<b>Outcome Statement</b>	<b>Graduate profile</b>	<p>Graduates will be able to:</p> <ul style="list-style-type: none"> <li>- Apply an understanding of land surveying fundamentals and their application to surveying operations.</li> <li>- Ensure health, safety and environmental requirements are met when operating in a surveying environment.</li> <li>- Set up, check calibration, and maintain surveying equipment.</li> <li>- Undertake survey measurement tasks and checks.</li> <li>- Apply effective communication when undertaking surveying operations.</li> </ul>	
	<b>Education pathway</b>	This qualification leads to the New Zealand Diploma in Surveying Level 6 [Ref: 2959].	
	<b>Employment pathway</b>	Graduates of this qualification are likely to be employed as assistant surveyors in land surveying firms and by large infrastructure companies.	

## Qualification specifications

<b>Qualification award</b>	This qualification can be awarded by any organisation with an approved programme or accredited to deliver a programme
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	leading to the qualification.
<b>Evidence requirements for assuring consistency</b>	<p>Evidence of consistency of graduate outcomes may include:</p> <ul style="list-style-type: none"> <li>- An audit trail of graduate programme results and subsequent employment outcomes.</li> <li>- Evidence of employer support of the graduates of the programme and their feedback that the graduates display the graduate profile outcomes.</li> </ul>
<b>Minimum standard of achievement and standards for grade endorsements</b>	Achieved.
<b>Other requirements for the qualification (including regulatory body or legislative requirements)</b>	A minimum of English and Mathematics to NCEA Level 1, or equivalent is mandatory, or demonstrate equivalent knowledge.

## General conditions for the programme leading to the qualification

<b>General conditions for programme</b>	<p>Tertiary Education organisations (TEOs) offering programmes leading to this qualification must maintain currency with amendments to, and replacements of, relevant legislation, regulations, rules, and Australia/New Zealand standards.</p> <p>Temporary traffic management requirements must be adhered to if surveying in the road corridor. Refer to the current Code of Practice for Temporary Traffic Management (CoPTTM) for requirements.</p> <p>It is recommended that programme developers refer to the more detailed condition guidelines related to this qualification.</p> <p>For a copy of the guidelines document contact the qualification developer at: <a href="mailto:qualifications@connexis.org.nz">qualifications@connexis.org.nz</a>.</p>
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### Conditions relating to the Graduate profile

Qualification outcomes		Conditions
1	<p>Apply an understanding of land surveying fundamentals and their application to surveying operations.</p> <p>Credits 20</p>	
2	<p>Ensure health, safety and environmental requirements are met when operating in a surveying environment.</p> <p>Credits 8</p>	
3	<p>Set up, check calibration, and maintain surveying equipment.</p> <p>Credits 12</p>	

4	Undertake survey measurement tasks and checks. Credits 30	
5	Apply effective communication when undertaking surveying operations. Credits 5	

## Transition information

<b>Replacement information</b>	National Certificate in Surveying (Assistant) (Level 3) [Ref: 0432]
<p>People currently working towards the replaced qualification may either complete the requirements for that qualification by 31 December 2019 or transfer to this qualification. The last date for entry into programmes leading to the replaced qualification is 31 December 2016.</p> <p>It is the intention of Infrastructure ITO that no existing trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to the qualification developer - Infrastructure ITO (Connexis) at <a href="mailto:qualifications@connexis.org.nz">qualifications@connexis.org.nz</a>, or 04 499 9144.</p>	