National Certificate in Mathematics (Level 2)

Level 2

Credits 40

This qualification has been reviewed. The last date to meet the requirements is 31 December 2018.

Transition Arrangements

The last date for enrolment is 31 January 2017. People cannot be enrolled in programmes leading to the award of this qualification unless there is appropriate time available to them to complete the programme and be awarded the qualification before it expires.

For detailed information see Review Summaries on the NZQA website.

NZQF National Qualification Registration Information

<table>
<thead>
<tr>
<th>Process</th>
<th>Version</th>
<th>Date</th>
<th>Last Date for Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>1</td>
<td>February 2004</td>
<td>December 2011</td>
</tr>
<tr>
<td>Revision</td>
<td>2</td>
<td>May 2011</td>
<td>December 2018</td>
</tr>
<tr>
<td>Review</td>
<td>3</td>
<td>July 2015</td>
<td>December 2018</td>
</tr>
</tbody>
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Standard Setting Body

NZQA National Qualifications Services
PO Box 160
Wellington 6140

Telephone 04 463 3000
Email nqs@nzqa.govt.nz
National Certificate in Mathematics (Level 2)

Level 2

Credits 40

Purpose

This national certificate recognises a range of mathematical skills that provide candidates with a foundation for further learning in mathematics or employment where these skills may be applied.

At Level 2, candidates should be able to gain competency in mathematical skills which may lead to further study in mathematics or prepare candidates for work where maths skills are required. They will be able to:

- perform mathematical operations;
- use a range of mathematical skills;
- use a problem-solving approach to mathematical tasks.

and, depending on standard selection, they may be able to:

- carry out a mathematical investigation;
- interpret mathematical situations and results;
- demonstrate knowledge of personal financial management;
- perform income related calculations.

The flexible structure of the qualification allows education and training providers to tailor mathematics programmes to meet candidate needs, and the local or national needs for a wide range of employment opportunities. The qualification can include credits from both unit standards and achievement standards. Credits achieved towards the qualification can also be used towards one or more the National Certificate in Educational Achievement (NCEA) at Levels 1, 2 or 3 [Refs: 0928, 0973, 1039].

This qualification builds on the National Certificate in Mathematics (Level 1) [Ref: 1079] and can lead to other general or specialised qualifications involving mathematics above Level 2.

Credit Range

| Level 2 or above credits | 40 |
Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: [http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/](http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/).

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- A minimum of 40 credits at Level 2 or above
- Elective A – A minimum of 25 credits as specified
- Elective B – A maximum of 5 credits as specified
- Balance – Balance if required

Detailed Requirements

Elective A

A minimum of 25 credits at Level 2 or above

<table>
<thead>
<tr>
<th>Field</th>
<th>Subfield</th>
<th>Domain</th>
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<tbody>
<tr>
<td>Sciences</td>
<td>Mathematics</td>
<td>Any</td>
</tr>
<tr>
<td></td>
<td>Statistics and Probability</td>
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</table>

Elective B

A maximum of 5 credits

<table>
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<tr>
<th>Field</th>
<th>Subfield</th>
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</thead>
<tbody>
<tr>
<td>Core Generic</td>
<td>Core Generic</td>
<td>Personal Financial Management</td>
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</tbody>
</table>

Balance

The balance of credits to achieve
A minimum of 40 credits at Level 2 or above
May come from anywhere on the DAS

Transition Arrangements

Version 2

Version 2 was issued following review of unit and achievement standards in the Mathematics and Statistic and Probability subfields.
Changes to structure and content
• Purpose statement has been updated.
• Reference to the *Mathematics in the New Zealand Curriculum* has been removed.
• The *Personal Financial Management* domain has been added to a new Elective B.

For detailed information see [Review Summaries](#) on the NZQA website.

All existing candidates may either complete version 1 of this qualification or transfer their existing achievements to version 2. The start date for programmes or courses for version 2 is at the time of registration.

It is not intended that anyone be disadvantaged by this revision. However, anyone who feels they have been disadvantaged may appeal to NZQA – National Qualifications Services at the address below.

**Certification**

This certificate will display the logos of NZQA and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification (accredited).

**Classification**

This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

<table>
<thead>
<tr>
<th>DAS Classification</th>
<th>NZSCED</th>
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<tbody>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>40</td>
<td>Sciences &gt; Mathematics</td>
</tr>
</tbody>
</table>

**Quality Management Systems**

Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.