# New Zealand Record of Achievement

**NZQA**
NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA
QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

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## Qualification summary | Date

| | |
|---|---|
| **Bachelor of Computing Systems (Level 7)** | 1 Dec 2017 |
| Unitec New Zealand | |
| **National Certificate in Computing (Level 3)** | 8 Jan 2012 |
| KingsWay School | |
| **National Certificate of Educational Achievement (Level 3)** | 27 Jun 2011 |
| New Zealand Qualifications Authority | |
| **National Certificate in Mathematics (Level 2)** | 8 Jan 2012 |
| KingsWay School | |
| **National Certificate in Science (Level 2)** | 8 Jan 2012 |
| KingsWay School | |
| **National Certificate of Educational Achievement (Level 2)** | 27 Oct 2010 |
| New Zealand Qualifications Authority | |
| **National Certificate in Mathematics (Level 1)** | 8 Jan 2012 |
| KingsWay School | |
| **National Certificate of Educational Achievement (Level 1) achieved with merit** | 31 Dec 2009 |
| New Zealand Qualifications Authority | |
| | |
| **University Entrance** | 23 Dec 2011 |

## Components of learning | Date

| Science | | Level | Credits | Result | |
|---|---|---|---|---|---|
| 90520 | Demonstrate understanding of wave systems | 03 | 4 | A | 23 Dec 2011 |
| 90522 | Demonstrate understanding of atoms, photons and nuclei | 03 | 3 | A | 23 Dec 2011 |
| 90523 | Demonstrate understanding of electrical systems | 03 | 6 | A | 23 Dec 2011 |
| 90774 | Carry out a practical physics investigation with guidance, that leads to a mathematical relationship | 03 | 5 | A | 27 Jun 2011 |
| 90252 | Take measurements of physical quantities and analyse data graphically to determine a relationship | 02 | 4 | M | 27 Oct 2010 |
| 90254 | Demonstrate understanding of waves | 02 | 4 | M | 22 Dec 2010 |
| 90255 | Demonstrate understanding of mechanics | 02 | 6 | **E** | 28 Dec 2010 |
| 90256 | Demonstrate understanding of atoms and radioactivity | 02 | 2 | M | 24 Dec 2010 |
| 90257 | Demonstrate understanding of electricity and electromagnetism | 02 | 5 | A | 28 Dec 2010 |
| 18982 | Demonstrate knowledge of Earth science | 01 | 2 | **A** | 22 Sep 2009 |

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| **Science** | | **Level** | **Credits** | **Result** | **Date** |
|---|---|---|---|---|---|
| 90186 | Carry out a practical science investigation with direction | 01 | 4 | **E** | 4 Jun 2009 |
| 90188 | Describe aspects of biology | 01 | 5 | A | 21 Dec 2009 |
| 90189 | Describe aspects of chemistry | 01 | 5 | A | 17 Dec 2009 |
| 90191 | Describe aspects of physics | 01 | 5 | **E** | 19 Dec 2009 |

| **Mathematics** | | | | | |
|---|---|---|---|---|---|
| 90637 | Solve problems and equations involving trigonometric functions | 03 | 4 | A | 7 Jun 2011 |
| 90639 | Sketch graphs of conic sections and write equations related to conic sections | 03 | 3 | A | 23 Dec 2011 |
| 90647 | Use a mathematical model involving curve fitting to solve a problem | 03 | 3 | M | 15 Apr 2011 |
| 90284 | Manipulate algebraic expressions and solve equations | 02 | 4 | A | 23 Dec 2010 |
| 90285 | Draw straightforward non-linear graphs | 02 | 3 | A | 22 Dec 2010 |
| 90286 | Find and use straightforward derivatives and integrals | 02 | 4 | M | 24 Dec 2010 |
| 90287 | Use coordinate geometry methods | 02 | 2 | A | 28 Dec 2010 |
| 90292 | Solve straightforward trigonometric equations | 02 | 2 | M | 24 Dec 2010 |
| 90147 | Use straightforward algebraic methods and solve equations | 01 | 4 | M | 13 Dec 2009 |
| 90148 | Sketch and interpret graphs | 01 | 3 | M | 14 Dec 2009 |
| 90149 | Solve problems involving measurement of everyday objects | 01 | 3 | **E** | 31 May 2009 |
| 90150 | Use geometric techniques to produce a pattern or object | 01 | 2 | **E** | 15 Jun 2009 |
| 90151 | Solve straightforward number problems in context | 01 | 3 | M | 16 Dec 2009 |
| 90152 | Solve right-angled triangle problems | 01 | 2 | M | 17 Dec 2009 |
| 90153 | Use geometric reasoning to solve problems | 01 | 2 | A | 17 Dec 2009 |

| **Statistics and Probability** | | | | | |
|---|---|---|---|---|---|
| 90641 | Determine the trend for time series data | 03 | 3 | M | 15 Apr 2011 |
| 90642 | Calculate confidence intervals for population parameters | 03 | 3 | A | 23 Dec 2011 |
| 90643 | Solve straightforward problems involving probability | 03 | 4 | A | 23 Dec 2011 |
| 90645 | Select and analyse continuous bi-variate data | 03 | 3 | A | 3 Jun 2011 |
| 90288 | Select a sample and use this to make an inference about the population | 02 | 3 | **E** | 31 May 2010 |
| 90289 | Simulate probability situations, and apply the normal distribution | 02 | 2 | **E** | 17 Mar 2010 |
| 90193 | Use statistical methods and information | 01 | 3 | M | 15 Jun 2009 |
| 90194 | Determine probabilities | 01 | 2 | **E** | 12 Dec 2009 |

| **Business Administration** | | | | | |
|---|---|---|---|---|---|
| 112 | Produce information using word processing functions | 03 | 5 | **A** | 11 Jun 2009 |

| **English** | | | | | |
|---|---|---|---|---|---|
| 90720 | Produce an extended piece of writing in a selected style | 03 | 4 | A | 12 Oct 2011 |
| 90721 | Respond critically to written text(s) studied | 03 | 3 | A | 23 Dec 2011 |
| 90724 | Read and respond critically to unfamiliar prose and poetry texts | 03 | 3 | A | 23 Dec 2011 |
| 90725 | Construct and deliver an oral presentation | 03 | 4 | M | 3 Aug 2011 |
| 90726 | Complete independent research on a language or literature topic and present conclusions in writing | 03 | 4 | A | 10 Jun 2011 |
| 90375 | Produce crafted and developed creative writing | 02 | 3 | A | 11 Jun 2010 |
| 90376 | Produce crafted and developed formal transactional writing | 02 | 3 | A | 30 Aug 2010 |
| 90377 | Analyse extended written text(s) | 02 | 3 | A | 28 Dec 2010 |
| 90380 | Read unfamiliar texts and analyse the ideas and language features | 02 | 3 | A | 28 Dec 2010 |
| 90381 | Investigate a language or literature topic and present information in written form | 02 | 3 | M | 30 Aug 2010 |
| 90052 | Produce creative writing | 01 | 3 | A | 12 Jun 2009 |
| 90053 | Produce formal writing | 01 | 3 | A | 19 Dec 2009 |
| 90055 | Read, study and show understanding of short written texts | 01 | 2 | A | 16 Dec 2009 |
| 90057 | Read and show understanding of unfamiliar texts | 01 | 3 | M | 20 Dec 2009 |
| 90058 | Deliver an oral presentation in a formal situation | 01 | 3 | M | 3 Sep 2009 |
| 90059 | Produce a media or dramatic presentation | 01 | 3 | **E** | 12 Jun 2009 |
| 90060 | Research, organise and present information | 01 | 3 | M | 3 Sep 2009 |

## Computing

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 2785 | Create a computer spreadsheet to provide a solution for organisation use | 03 | 5 | **A** | 19 Aug 2010 |
| 2789 | Produce desktop published documents for organisation use | 03 | 6 | **A** | 11 Jun 2010 |
| 18753 | Recommend hardware for a single user personal computer and peripherals for organisation use | 03 | 5 | **A** | 22 Sep 2009 |
| 18753 | Recommend hardware for a single user personal computer and peripherals for organisation use | 03 | 5 | **A** | 30 Aug 2010 |
| 18753 | Recommend hardware for a single user personal computer and peripherals for organisation use | 03 | 5 | **A** | 13 Jul 2010 |
| 18755 | Identify and resolve users' minor computer problems | 03 | 5 | **A** | 22 Sep 2009 |
| 18755 | Identify and resolve users' minor computer problems | 03 | 5 | **A** | 12 Nov 2010 |
| 18755 | Identify and resolve users' minor computer problems | 03 | 5 | **A** | 13 Jul 2010 |
| 25658 | Create a website for a stakeholder using a dedicated web-authoring tool | 03 | 5 | **A** | 9 Jun 2010 |
| 2780 | Demonstrate and apply knowledge of a personal computer system | 02 | 9 | **A** | 28 May 2009 |
| 2781 | Manage and protect data in a personal computer system | 02 | 3 | **A** | 29 Oct 2009 |

## Technology

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 90620 | Develop a one-off solution to address a client issue | 03 | 8 | A | 23 Nov 2011 |
| 90685 | Demonstrate techniques in information and communication technology | 03 | 4 | A | 17 Jun 2011 |
| 7525 | Select materials and establish processes for a manufacturing task | 02 | 4 | **A** | 26 Oct 2010 |
| 7526 | Use, and care for, portable machine tools in materials technology | 02 | 4 | **A** | 12 Nov 2010 |
| 7527 | Apply fabrication, assembly, and finishing methods in materials technology | 02 | 4 | **A** | 26 Oct 2010 |
| 7528 | Work to design tolerances using marking out and measuring tools safely in materials technology | 02 | 4 | **A** | 26 Oct 2010 |
| 7523 | Use, and care for, standard hand tools in materials technology | 01 | 4 | **A** | 22 Sep 2009 |
| 7524 | Use cutting, shaping, assembly, and finishing processes in materials technology | 01 | 4 | **A** | 28 Oct 2009 |
| 7536 | Develop sequence of operations for one-off construction in process technology | 01 | 3 | **A** | 12 Jun 2009 |
| 13403 | Use materials to produce a prototype of a technological solution | 01 | 6 | **A** | 28 Oct 2009 |
| 90045 | Develop an outcome through technological practice to address a given brief | 01 | 6 | A | 3 Nov 2009 |

## Design

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 7480 | Produce 2D drawings using a computer drawing program | 01 | 3 | **A** | 28 Oct 2009 |

## Diving

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 4384 | Scuba dive and perform rescues in open water to a maximum depth of 18 metres | 03 | 7 | **A** | 22 Sep 2009 |
| 4383 | Snorkel dive | 02 | 2 | **A** | 22 Sep 2009 |

## Mechanical Engineering

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 2433 | Create simple engineering drawings using computer aided design (CAD) software | 02 | 6 | **A** | 26 Oct 2010 |

## Film and Television

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 15118 | Demonstrate knowledge of film and television camera shots | 02 | 2 | **A** | 31 Aug 2011 |

## Security

| Code | Title | Level | Credits | Result | Date |
|---|---|---|---|---|---|
| 27361 | Manage conflict situations in a security context | 03 | 4 | **A** | 1 Oct 2014 |
| 27360 | Demonstrate knowledge of managing conflict situations in a security context | 02 | 4 | **A** | 1 Oct 2014 |
| 27364 | Demonstrate knowledge of the security industry in the pre-employment context | 02 | 4 | **A** | 1 Oct 2014 |

*End of record*

**Results key: A** – Achieved, **M** – Merit, **E** – Excellence (If a result is **bolded**, it is the highest possible result for the standard). Only the highest possible result the learner has achieved is shown for the related standard.

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Dr. Grant Klinkum
NZQA Chief Executive

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