

Qualification Title: New Zealand Certificate in Computing (Advanced User) (Level 4)

Qualification number: 2593

Date of review: Tuesday, 30 July 2019

This report refers to graduates awarded this qualification prior to: 31 December 2018

Final decision on consistency of the qualification: National consistency is confirmed

Threshold:

The threshold to determine sufficiency with the graduate profile was determined as evidence of:

Graduates who have attained advanced computing user skills and can be employed in a wide range of roles.

Graduates who are capable of using digital technologies to produce and process information and operate effectively with a range of skills that will be internationally relevant. They are capable of performing a wide range of computing related tasks under broad guidance in a work environment and may demonstrate self-management and some responsibility for the performance of others.

Graduates who have been able to build on existing skills and are able to:

- Use digital tools to access, filter, combine and manipulate data to efficiently extract, organise, integrate and share relevant information, and produce specified outcomes in a variety of settings.
- Investigate, plan, design and create solutions integrating the use of several different applications to meet the requirements of specified briefs.
- Use critical thinking skills, problem solving and decision-making techniques to analyse problems, make informed decisions, and identify solutions.
- Communicate clearly and professionally with colleagues and stakeholders in a range of contexts, to maintain relationships and achieve objectives.
- Use digital technologies and systems securely, legally and ethically when gathering, storing, accessing and sharing information.
- Explore and evaluate current and emerging trends in the use of digital tools and digitally stored and transmitted information to support operational efficiency and effectiveness.

Final consistency review report

Education Organisations with sufficient evidence

The following education organisations have been found to have sufficient evidence.

Education Organisation	Final rating
Te Wānanga o Aotearoa	Sufficient
Ara Institute of Canterbury	Sufficient

Introduction

This is a 60-credit qualification that intends to provide Aotearoa New Zealand organisations and communities with people who have attained advanced computing user skills and can be employed in a wide range of roles.

The consistency review was held over two half days. Two providers had students who graduated during the review period. One participated in person in the consistency review meeting, whilst the other engaged through the online communication tool, Zoom. Across both providers, there were 216 graduates during the review reporting period.

The two providers had programmes approved under the New Zealand Qualifications Framework and the review was conducted using the 'general' quality assurance framework but also including consideration of Te Hono o te Kahurangi values and guiding kaupapa.

Evidence

The education organisation provided a range of evidence to demonstrate that their graduates met the graduate profile outcomes.

The criteria used to judge the evaluation question were:

- The nature, quality and integrity of the evidence presented by the education organisation:
- How well the organisation has analysed, interpreted and validated the evidence, and used the understanding gained to achieve actual or improved consistency
- The extent to which the education organisation can reasonably justify and validate claims and statements relating to the consistency of graduate outcomes, including in relation to other providers of programmes leading to the qualification

Examples of the evidence provided included:

- Mapping of qualification outcomes to the programme learning outcomes
- Kaiako/ tutor training schedules
- Kaiako/ tutor survey data
- External pre- and post-assessment moderation reports and/ or action plans
- Graduate survey data and plans for achieving more significantly representative feedback.
- Kaiako/ tutor feedback
- Taura/ student internal study pathways
- Post review reflection, including procedures, reports and action plans for moderation, and graduates/ stakeholder interaction.

Final consistency review report

How well does the self-assessment and supporting evidence provided by the education organisation demonstrate that its graduates match the graduate outcomes at the appropriate threshold?

Mapping of the learning outcomes and assessments to the graduate outcomes provides confidence that the programme design allows for graduates to develop the skills, knowledge and attributes of the qualification. This has been strengthened with programme reviews informing design and content.

Strong internal moderation, with an effective feedback loop into the assessments, has been completed however, for one organisation, an external moderation partnership would strengthen the self-assessment.

Graduate feedback for both organisations shows an overall satisfaction in having the skills outlined in the graduate outcomes and this is corroborated by a variety of next-user or related industry feedback.

Graduate destination evidence indicated the employment and education pathways of the qualification were valid potential outcomes with graduates achieving and progressing in both areas.

Overall, the self-assessment and supporting evidence supplied, by those organisations found sufficient, demonstrates that their graduates meet the graduate outcomes at the determined threshold.

Special Focus (includes special focus on a strand or outcome)

None

Examples of good practice

One organisation has chosen to not deliver the programme of study during 2019, to allow time for reflection and improvements to be embedded.

Issues and concerns

None

Recommendations to Qualification Developer

None