



Rangi Ruru
Girls' School
BE YOU. BELONG.

Year 13 Digital Technology Programme of Learning 2024

Kaua e rangiruatia te hāpai o te hoe; e kore tō tātou waka e ū ki uta.

Don't paddle out of unison; our canoe will never reach the shore.



Course Description

The Digital Technology at NCEA Level 3 focuses on extending the knowledge and skills that students developed in Level 2 by allowing the students to investigate and pursue their own projects. Students are to explore and develop media solutions incorporating a range of complex digital technologies. Learn and apply a range of complex programming techniques to design and build solutions using high level programming languages. Explore industry practices and apply application-level skills to enhance developed solutions.

The investigation, design, development, and reflection are all assessed under NCEA. Students are guided throughout the year and have regular checkpoints to ensure they stay on track. The year-long project and the development documentation can also be submitted for NZQA Scholarship at the end of the year.

Assessment Summary

| Achievement Standards Number | Subject Reference | Version Number | Topic/Title | Mode of Assessment | Credits |
|------------------------------|-------------------|----------------|--|--------------------|---------|
| AS91900 | 3.1 | 1 | Conduct a critical inquiry to propose a digital technologies outcome | Internal | 6 |
| AS91901 | 3.2 | 1 | Apply user experience methodologies to develop a design for a digital technologies outcome | Internal | 3 |
| AS91903 | 3.4 | 1 | Use complex techniques to develop a digital media outcome* | Internal | 4 |
| AS91906 | 3.7 | 1 | Use complex programming techniques to develop a computer program* | Internal | 6 |
| AS91909 | 3.10 | 1 | Present a reflective analysis of developing a digital outcome | External | 3 |

*Students choose either one of these two Achievement Standards or both. Students have the opportunities to gain 16 or 18 credits for choosing one of these, or 22 credits or all.



2024 Level 3 - DigiTech Course Calendar

| Term 1 | | Term 2 | | Term 3 | | Term 4 | |
|--------|---|--------|---|--------|---|--------|--|
| Wk | Content | Wk | Content | Wk | Content | Wk | Content |
| 1A | Intro | 1B | UX Design | 1A | Project Development | 1B | NZQA DCAT Examination |
| 2B | Critical Inquiry Waitangi Day | 2A | UX Design | 2B | Project Development | 2A | Wrap-up the year |
| 3A | Critical Inquiry | 3B | UX Design Due Date: Friday 24th May | 3A | Project Development | 3B | Labor Monday 28th Oct Last Day - 30th Oct (Wednesday) |
| 4B | Critical Inquiry | 4A | Project Development | 4B | Project Development | | |
| 5A | Critical Inquiry | 5B | Project Development Teacher Only Day | 5A | Project Development | | |
| 6B | Critical Inquiry | 6A | Project Development King's Birthday | 6B | Project Development | | |
| 7A | Critical Inquiry | 7B | Project Development | 7A | Project Development Due Date: Friday 13th Septmber | | |
| 8B | Critical Inquiry Due Date: Friday 22nd March | 8A | Project Development Matariki | 8B | External | | |
| 9A | Good Friday UX Design | 9B | Project Development | 9A | External | | |
| 10B | Easter Monday & Tuesday UX Design | | | | | | |
| 11A | UX Design | | | | | | |