

COMPUTER PROGRAMMING AND AI



Explore the Future of Tech

Ready to step into the cutting-edge world of technology? Our unique course, blending Level 2 and 3 NCEA credits, offers an exciting introduction to Computer Programming and Artificial Intelligence (AI).

Designed for students in Years 11 to 13, this course covers the essentials of coding and web development while teaching you how to harness the power of AI to create smarter, more efficient digital solutions.

Whether you're just starting out or looking to advance your skills, this course equips you with the knowledge and experience to excel in today's tech-driven world. You'll be well-prepared for further study, internships, or immediate application of your skills in real-world projects.

What you will learn:

- Knowledge of a personal computer system.
- Managing and protection of data.
- Creating a website.
- Creating simple computer programs to a set brief.
- Understanding local area network technologies.

Course details



Vocational Pathway:
Manufacturing Technology



Credits:
Level 2 and 3
Up to 25 credits



Duration:
This is a 1 year programme
Starts: February 2027
Finishes: November 2027



Timetable:
Greymouth 9am - 3pm
Thursdays or Fridays (TBC)



Provider:
Tai Poutini Polytechnic

Employment options

- Paid internship with fusion
- Computer support technician
- Web developer
- Web designer
- Database/systems administrator
- Programmer
- Software architect
- Network engineer
- Project manager

Further study options

- NZ Certificate in Information Technology Essentials (Level 4)
- NZ Diploma in Information Technology Technical Support (Level 5)
- NZ Diploma in Web Development and Design (Level 5)
- NZ Diploma in Systems Administration (Level 6)