



## NZ DIPLOMA IN ENGINEERING (FIRE ENGINEERING) (LEVEL 6)



Dublin Accord  
recognised



Networking &  
internship for  
students\*



Industry-informed,  
with applied, real-  
world projects



Strong focus on building  
compliance and fire  
safety requirements

The New Zealand Diploma in Engineering is designed to develop skilled, work-ready engineering technicians specialising in fire engineering. The programme prepares graduates to operate within the engineering technician scope of practice, consistent with the Dublin Accord, applying established engineering techniques, procedures, and standards to support safe, compliant, and effective fire safety solutions. Graduates gain practical and technical capability to contribute to the design, documentation, implementation, and maintenance of fire safety systems across a range of built-environment contexts, while working within appropriate professional and regulatory frameworks.

### Programme details

Credits	240
Location	Auckland**
Duration	2 years (full-time or part-time)
Next intake	Scan the QR code for next intake details
Timetable	Blended online, including two evening online lectures per week and daytime weekend on-campus sessions
Fees	\$7,196 per year. Student Loans and Allowances may be available to eligible learners.* Special pricing may apply for eligible partner organisations
Entry	18 years & above, NZ citizens/residents. NCEA Level 2 or equivalent is recommended. Scan the QR code for full entry requirements. Applicants aged 20 years and over who do not meet the standard entry requirements may be eligible for alternative entry pathway

\* Internship opportunities are subject to availability

\*\* Intakes may be offered in Christchurch and other regions, please scan the QR code for next intake and location details

### Indicative course content

- **Engineering foundations:** Core mathematics, mechanics, materials science, thermodynamics, fluid mechanics, and an introduction to engineering disciplines
- **Structural & systems analysis:** Analysis of basic structures, building features, and engineering systems
- **Fire engineering principles:** Fire science, combustion, extinguishment, risk-based design, safe egress, and fire system design
- **Fire safety compliance:** Application of acceptable Solutions, verification methods, and passive fire protection to safeguard people and property
- **Professional & project skills:** Technical research, communication, project management, and completion of an engineering project to industry standards

### Highlights

- High demand across construction, infrastructure, building services, and safety compliance sectors
- Graduates are eligible for engineering technician registration with Engineering New Zealand and the Institution of Fire Engineers

\*\*\* Student Loans/Allowances: Subject to StudyLink entry criteria

