

Qualification pathways for a career in engineering

YEARS:

1

2

3

4

5

6

7

YEAR 12
48 NCEA Level 2 credits (Maths, Science, Technology subjects)

NEW ZEALAND DIPLOMA IN ENGINEERING [NZDE]
Level 6
Civil, Electrical, Mechanical
Two years of full-time study (or cadetship option)

ENGINEERING TECHNICIAN

NEW ZEALAND DIPLOMA IN ENGINEERING PRACTICE [NZDEP]
Civil, Electrical, Mechanical
2-4 years of work-based assessment (equivalent to 1 year of full-time study)
Eligible for Certified Engineering Technician registration

FURTHER STUDY

BEngTech: Minimum 1.5 years

BE(Hons): Minimum 3 years of study with practical work hours

YEAR 13
University Entrance;
48 NCEA Level 3 credits (Physics, Calculus, plus other Maths, Science + Technology subjects)

BACHELOR OF ENGINEERING TECHNOLOGY [BEngTech]
Level 7
Civil, Computer and Mobile Systems, Electrical + Electronic, Mechanical, Network and Communications Engineering
Three years of full-time study

ENGINEERING TECHNOLOGIST

FURTHER STUDY

BE(Hons): Minimum 2 years of full-time study with practical work hours

YEAR 13
University Entrance;
60 NCEA Level 3 credits (Physics, Calculus, plus other Maths, Science + Technology subjects)

BACHELOR OF ENGINEERING (HONOURS) [BE(Hons)]
Level 8
Biological, Chemical + Process, Civil, Computer Systems, Electrical, Electronic, Environmental, Forest, Mechanical, Mechatronic, Natural Resources, Network + Communications, Product Development, Software Engineering
Four years of full-time study with practical work hours

PROFESSIONAL ENGINEER