New Zealand Certificate in Electrotechnology Level 3

Electronic Security Programme		Level	Credits	Off-Job	On-Job
Outcome 1	Demonstrate knowledge of workplace safety in an electrotechnology or telecommunications environment	3	10	off	
Outcome 2	Demonstrate knowledge of legislation, codes of practice, and Standards as applied to electronic security	3	5	off	
Outcome 3	Install electronic security cable support systems and cables	3	10		on
	Demonstrate knowledge of electronic security systems and equipment	3	10	off	
	Demonstrate knowledge of electrical principles in an electrotechnology or telecommunications environment	3	15	off	
	Demonstrate knowledge of the principles and applications of specialist equipment used in electronic repairs	3	5		on
Outcome 4	Demonstrate and apply knowledge of stakeholder engagement in an electrotechnology or telecommunications environment	3	5	off	
Installation Strand					
Outcome 5, 6 & 7	Apply safe working procedures and practices in an electrotechnology environment and identify and control special hazards	3	5		on
	Demonstrate knowledge of installation practices and procedures for customer premises systems	3	5	off	
	Select, install, and commission extra low voltage and low voltage customer premises systems	3	15		on
OR					
Outcome 5, 6 & 7	Demonstrate knowledge of electronic security devices	3	5	off	

	Install electronic security intruder alarm and control systems	3	8		on
	Apply safe working procedures and practices in an electrotechnology environment and identify and control special hazards	3	5		on
Plus 1 of	Install electronic security access control systems	3	7		on
	Install electronic security surveillance systems	3	7		on
	Install electronic security intercom equipment and systems	3	7		on
Outcome 8	Diagnose, service, and repair extra low voltage and low voltage customer premises systems	3	10		on
Service Strand					
Outcome 9	Service electrical or electronic goods to gain electrical registration for electrical technicians and service person	4	15		on
Outcome 10	Demonstrate basic knowledge of diagnostics and fault finding for service and installation technicians	3	5	off	
Outcome 11	Demonstrate knowledge of theory and legislation for registration of electrical appliance servicepersons (endorsed)	3	3	EWRB Exam	
	Demonstrate knowledge of supervision of trainees undertaking prescribed electrical work	4	2	off	
	Demonstrate practical application of theory and legislation for electrical appliance servicepersons (endorsed)	3	3	off	
	Demonstrate knowledge of electrical theory and legislation for electrical appliance servicepersons EAS (endorsed)	3	7	off	