

Learning Matrix - New Zealand Certificate in Fencing (Level 4)
NZ4356

Qualification Strategic Purpose	Graduate Profile	Course Title / Aim	Course Learning Outcomes	Indicative Content / Topics	Assessment Plan / Weighting
<p>To provide the fencing industry with people who have the knowledge and practical skills to design and construct fences, and interpret a livestock yard design and construct yard to meet client requirements; and the knowledge and skills to lead a team and manage client relationships. This qualification is targeted at people who are experienced fencers and are at, or moving into a role in a rural fencing enterprise which has responsibility for meeting client fencing requirements. Graduates will have the skills to work in a self-directed capacity, will have</p>	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Design and construct fence lines to meet design and client specifications. • Interpret a livestock yard design and construct a livestock yard to meet design and client specifications. • Facilitate teamwork and client relationship management using a range of effective interpersonal skills. <p>Education Pathway This qualification builds on the New Zealand Certificate in Fencing (Level 3) Rural strand [Ref: 2699-2].</p> <p>This qualification may lead to the New Zealand Diploma in Primary Industry Business Management (Level 5) [Ref: 2221].</p>	<p>Fence Line Designs and Specifications (20 credits)</p> <p>Aim: To enable learners to plan and design fence lines to meet client specifications.</p>	<ol style="list-style-type: none"> 1. Plan and design appropriate fence lines to meet a range of client specifications, budgets and compliance requirements. 2. Calculate costs to meet fencing design specification requirements including materials, machinery, vehicles, labour, timeframes and site conditions. 3. Prepare simulated estimates, quotes and confirmations for delivery of fencing contracts. 4. Evaluate personal capability and capacity to deliver fencing projects to meet design specifications. 	<ul style="list-style-type: none"> • Design options • Design interpretation • Soil type and ground conditions • Health and Safety at Work Act 2015 • Legislative requirements • Fencing Act 1978 • Environmental compliances • Livestock movement and behaviour • Materials • Site evaluations (location, topography, soil, site access) • Determining and interpreting fence designs, types and innovations to meet requirements • Budgets, calculations, costs (material, labour, machinery etc) • Measurements – materials • Cost estimates, quotes, contracts and confirmations • Determining and evaluating capacity and capability • New and improved fencing technology • Communication 	<p>LOs 1-4: Portfolio of evidence</p>
	<p>Employment/Cultural/Community Pathway</p>	<p>Fence Line Construction (20 credits)</p> <p>Aim: To enable learners to interpret and construct fence lines to meet design specifications.</p>	<ol style="list-style-type: none"> 1. Manage fence line construction projects to meet client specifications. 2. Identify and comply with relevant regulation and legislation. 3. Demonstrate appropriate construction methods and techniques. 4. Manage resources effectively, efficiently and economically. 	<ul style="list-style-type: none"> • Health and Safety at Work Act 2015 • Fencing Act 1978 • Independent Contractors Act 2006 • Employment Relations Act 2000 • Resource Management Act 1991 and associated Regulations 2003 • Local government by-laws. • Project Management – job sequencing including confirming specifications for ordering, delivery, labour, specialised machinery, site access • Understanding design specifications • Traditional post and wire 	<p>LOs 1-4: Portfolio of evidence</p>

responsibility for the construction of quality rural fences and livestock yards, and will be supervising others.	Graduates of this qualification may be employed in the fencing industry as supervisors or as self-employed fencing contractors.			<ul style="list-style-type: none"> • Electric fences • Netting • New innovations in materials and constructions methods • Materials –including posts and post materials • Wire, strainers, joiners, crimps, staples • Anchoring materials • Breast plate and tieback assemblies. • Gates – flood gates • Tools, vehicles and machinery – post drivers, tractors, bikes, 4WDs etc • Labour management • Project management skills 	
		<p>Livestock Yard Designs and Specifications (20 credits)</p> <p>Aim: To enable learners to interpret a range of livestock yard designs to meet client specifications.</p>	<ol style="list-style-type: none"> 1. Interpret and evaluate a range of livestock yard designs and associated specifications. 2. Calculate costs to meet a range of yard specifications and design requirements. 3. Prepare simulated estimates, quotes and contract confirmations to construct a range of livestock yards. 4. Evaluate personal capability and capacity to deliver livestock yard contract specifications. 	<ul style="list-style-type: none"> • Legislative requirements to meet livestock yard compliance • Health and Safety at Work Act 2015 • Fencing Act 1978 • Independent Contractors Act 2006 • Employment Relations Act 2000 • Resource Management Act 1991 and associated Regulations 2003 • Local government by-laws • Animal Welfare Act 2006 • Environmental compliances • Determining and interpreting yard designs, types, plans, specifications and innovations to meet client requirements • CAD designs • Livestock yard requirements to meet stock types and related capacity requirements including horses, sheep, cattle, deer, bulls, pigs, alpaca etc • Animal behaviours and safe yard design requirements • Stock specific capacity and weight calculations • Yard design and construction options • Evaluating yard designs against fit for purpose requirements • Construction materials and methods including 	LOs 1-4: Portfolio of evidence

				<p>timber, steel or combinations</p> <ul style="list-style-type: none"> • Site evaluations (location, topography, soil, site access) • Budgets, calculations, costs (material, labour, machinery etc) • Measurements and calculations to cost materials • Cost estimates, quotes, contracts and confirmations • Determining and evaluating personal capacity and capability 	
		<p>Livestock Yard Construction (20 credits)</p> <p>Aim: To enable learners to construct a range of livestock yards to meet client specifications.</p>	<ol style="list-style-type: none"> 1. Manage livestock yard construction projects to meet client specifications. 2. Identify and comply with relevant construction regulations and legislation. 3. Demonstrate appropriate construction methods and techniques. 4. Manage resources effectively, efficiently and economically. 	<ul style="list-style-type: none"> • Health and Safety at Work Act 2015 • Fencing Act 1978 • Independent Contractors Act 2006 • Employment Relations Act 2000 • Resource Management Act 1991 and associated Regulations 2003 • Local government by-laws • Animal welfare • Quality assurance livestock processing • Project Management (job sequencing including confirming specifications for ordering, delivery, labour, specialised machinery, site access) • Understanding design specifications • New innovations in materials and constructions methods • Utility provision and providers • Site access • Site preparation • Calculations for material requirements • Construction materials and methods for holding yard, race, loading ramp, ramp floors, headbail, crush, forcing pens, catwalks, gates, hinges and latches • Posts and post materials • Rails and anchoring materials • Tools, vehicles and machinery (post drivers, tractors, bikes, 4WDs etc) 	<p>LOs 1-4: Portfolio of evidence</p>

				<ul style="list-style-type: none"> • Workforce management • Project management skills and sequencing of work plan 	
		<p>Managing Client Relations and Teamwork (15 credits)</p> <p>Aim: To enable learners to use interpersonal skills to facilitate effective teamwork and client relationship management.</p>	<ol style="list-style-type: none"> 1. Demonstrate effective leadership relationship management. 2. Communicate effectively with clients and colleagues. 3. Demonstrate cultural awareness and culturally safe practices. 4. Demonstrate understanding of effective workplace performance management and improvement skills. 	<ul style="list-style-type: none"> • Interpersonal skills and self-awareness • Cultural awareness • Team leadership and leadership styles • Facilitating great teamwork through leadership • Critical thinking, problem solving and decision making • Communication skills (clients and colleagues) • Client relationship management • Identifying client expectations • Managing effective meetings • Good faith negotiation • Conflict resolution • Professional and ethical behaviour • Workplace performance management • Workplace performance improvement • Employment Relations Act 2000 • Job descriptions • Work allocation • Factors affecting performance in the workplace • Fair and reasonable process • Employment contracts • Recording and retaining information 	<p>LOs 1-4: Portfolio of evidence</p>