

Review: 4391 New Zealand Diploma in Rural Animal Veterinary Technology (Level 6)

We are seeking feedback on proposed changes to the New Zealand Diploma in Rural Animal Veterinary Technology [Ref: 4391]. Please review the information below, then complete the survey with your feedback.

Alternatively, you can view the video at this link for an explanation of the changes proposed: [NZDRAVT Proposal explanation](#)

Brief background

The qualification review was requested to improve alignment of qualification graduate outcomes with requirements by industry for skills, knowledge and practical experience of rural animal veterinary technicians.

Changes requested

1. Reduce the number of veterinary clinics in which learners must complete practicum from two to one
Current version: Within the practicum, the learners must attend a minimum of two different veterinary clinics, with a minimum of 40 hours spent in the secondary placement.
Proposal: Within the practicum, learners must attend at least one veterinary clinic, and it is strongly recommended that learners attend a minimum of two veterinary clinics.

Rationale: This requirement is a barrier for current learners, especially in the more remote regions, as well as those that are already employed by a veterinary clinic. It is not a necessary requirement for a learner to be able to meet the graduate outcomes.

2. Reduction in number of graduate outcomes from 20 to 6, with a wider scope within each proposed outcome (refer to table 1 below).

Rationale: The content of the original graduate outcomes is retained within the proposed graduate outcomes (refer to table 1 below) but the proposed graduate outcomes better reflect the holistic nature of the skills and knowledge required of graduates. The proposed graduate outcomes also allow for variation in content and weighting of specific areas as the scope of the job role changes over time, more closely reflect the learning hours required in relation to each aspect of the job role, and allow greater flexibility for Providers when developing programmes, enabling them to be more responsive to industry feedback.

Proposed Graduate Outcomes	Original Graduate Outcomes mapped to proposed Graduate Outcomes	Proposed Credits
1. Demonstrate professional practice in a rural animal healthcare setting.	1. Apply principles of clinical governance to lead and support the safe, effective, and sustainable care of rural animal patients in an animal healthcare setting. 2. Evaluate professionalism, professional development, and future-focused animal healthcare industries to lead and support the safe and effective care of rural animal patients in an animal healthcare setting.	25
2. Apply knowledge of animal functional anatomy and physiology to rural animal management.	3. Apply knowledge of animal functional anatomy and physiology to rural animal management. 20. Apply knowledge of dental pathology, oral anatomy, preventative and therapeutic dental treatments, including the maintenance of dental equipment to support rural animal patients undergoing oral health assessments, and preventative dental treatments (also in 4 and 6)	20
3. Apply knowledge of husbandry and behaviour when providing rural animal healthcare	4. Apply knowledge of veterinary microbiology and infection control to provide effective sterilisation, sanitisation, disinfection, hygiene, and isolation procedures to rural animal patients (but also aspects of application in 5 and 6) 5. Apply knowledge of animal learning and communication, and factors that influence behaviour and welfare to manage the safe and effective care of rural animal patients. 7. Apply knowledge of rural animals to manage animal husbandry. 8. Apply knowledge of animal behaviour to manage effective rural animal handling techniques that minimise stress to the rural animal patient. 11. Apply knowledge of animal nutrition to provide support to clients and rural animal patients. 17. Apply knowledge of rural animal reproduction to support reproductive interventions and manage neonatal patient care (some in GPO 4 and 6).	60
4. Apply knowledge of preventative healthcare to the management of rural animals	4. Apply knowledge of veterinary microbiology and infection control to provide effective sterilisation, sanitisation, disinfection, hygiene, and isolation procedures to rural animal patients (but also aspects of application in 3 and 6) 10. Apply knowledge of animal endemic, exotic and emerging diseases; parasitology, and immunology to	55

	<p>support the provision of rural animal patient healthcare and disease prevention (also in 5 and 6)</p> <p>15. Apply knowledge of anaesthesia and analgesia to support the provision of anaesthesia and pain management to rural animal patients (small amount in relation to preventative procedures such as disbudding, remainder in 6)</p> <p>16. Apply surgical nursing skills to carry out preoperative, intraoperative, post-operative procedures and management of rural animal patients undergoing surgery (small amount in relation to preventative procedures such as disbudding, some also in 5, remainder in 6)</p> <p>17. Apply knowledge of rural animal reproduction to support reproductive interventions and manage neonatal patient care (some in GPO 3 and 6).</p> <p>20. Apply knowledge of dental pathology, oral anatomy, preventative and therapeutic dental treatments, including the maintenance of dental equipment to support rural animal patients undergoing oral health assessments, and preventative dental treatments (also in 2 and 6)</p>	
5. Apply knowledge of veterinary diagnostic procedures to support the health of rural animals.	<p>10. Apply knowledge of animal endemic, exotic and emerging diseases; parasitology, and immunology to support the provision of rural animal patient healthcare and disease prevention (also in 4 and 6)</p> <p>16. Apply surgical nursing skills to carry out preoperative, intraoperative, post-operative procedures and management of rural animal patients undergoing surgery (as applied to techniques such as liver biopsies).</p> <p>18. Apply knowledge of veterinary diagnostic procedures to collect and process a range of diagnostic samples, maintain diagnostic sample integrity, and support effective diagnostic laboratory quality control measures for rural animal patients.</p> <p>19. Apply knowledge of modes of diagnostic imaging to produce diagnostic quality imaging for rural animal patients.</p>	30
6. Apply knowledge of animal conditions and disease to support health	4. Apply knowledge of veterinary microbiology and infection control to provide effective sterilisation, sanitisation, disinfection, hygiene, and isolation procedures to rural animal patients (but also aspects of application in 3 and 4)	50

<p>and production in rural animals.</p>	<p>6. Apply knowledge of pharmacology to provide and support clinical pharmacological interventions to rural animal patients and manage clinic pharmacy processes.</p> <p>9. Apply first aid, and emergency processes for rural animal patients requiring basic and advanced life support in emergency or simulated emergency situations.</p> <p>10. Apply knowledge of animal endemic, exotic and emerging diseases; parasitology, and immunology to support the provision of rural animal patient healthcare and disease prevention. (also in 4 and 5)</p> <p>12. Apply the nursing process and care planning to manage a range of medical and surgical interventions for rural animal patients of different life stages and health status.</p> <p>13. Apply knowledge of physiological fluid and electrolyte balance to provide fluid replacement therapy, and blood transfusions to rural animal patients.</p> <p>14. Apply knowledge of wound physiology and bandaging to apply and maintain bandages for rural animal patients.</p> <p>15. Apply knowledge of anaesthesia and analgesia to support the provision of anaesthesia and pain management to rural animal patients (small amount of this in GPO4)</p> <p>16. Apply surgical nursing skills to carry out preoperative, intraoperative, post-operative procedures and management of rural animal patients undergoing surgery (small amount of this in 4 and 5)</p> <p>17. Apply knowledge of rural animal reproduction to support reproductive interventions and manage neonatal patient care (some in GPO 3 and 4).</p> <p>20. Apply knowledge of dental pathology, oral anatomy, preventative and therapeutic dental treatments, including the maintenance of dental equipment to support rural animal patients undergoing oral health assessments, and preventative dental treatments (also in 2 and 4).</p>	
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