

## Demonstrate knowledge of animal anatomy and physiology

**Level** 3

**Credits** 4

**Purpose** People credited with this unit standard are able to identify and describe the structural body parts, and internal anatomy of animals, and demonstrate knowledge of the structure and function of animal body systems, and ruminant and non-ruminant digestion.

**Subfield** Agriculture

**Domain** Farming Skills

**Status** Registered

**Status date** 23 April 2008

**Date version published** 19 June 2009

**Planned review date** 31 December 2012

**Entry information** Open.

**Accreditation** Evaluation of documentation and visit by NZQA, industry and teaching professional in the same field from another provider.

**Standard setting body (SSB)** Primary Industry Training Organisation

**Accreditation and Moderation Action Plan (AMAP) reference** 0052

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Special notes

None.

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## Elements and performance criteria

### Element 1

Identify and describe the structural body parts, and internal anatomy of animals.

#### Performance criteria

- 1.1 Structural body parts of animals are identified in terms of their function and location.
- Range skeleton, muscles, tendons, skin.
- 1.2 The major internal organs and systems are identified by sight.
- Range heart, lungs, digestive tract, brain, liver, kidneys, ovaries, testes, uterus, lymph nodes.

### Element 2

Demonstrate knowledge of the structure and function of animal body systems, and ruminant and non-ruminant digestion.

#### Performance criteria

- 2.1 The body systems of animals are described in terms of their primary functions and components.
- Range circulatory, respiratory, reproductive, digestive.
- 2.2 Ruminant and non-ruminant digestion are described and compared in terms of the processes.

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### Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

### **Comments on this unit standard**

Please contact the Primary Industry Training Organisation [standards@primaryito.ac.nz](mailto:standards@primaryito.ac.nz) if you wish to suggest changes to the content of this unit standard.