

Title	Demonstrate knowledge of skeletal and muscular development of the horse in relation to conformation		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to demonstrate knowledge of the skeleton, and superficial muscles and tendons of the horse.
----------------	--

Classification	Equine > Equine Training
-----------------------	--------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

None.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the skeleton of the horse.

Performance criteria

- 1.1 Major bones of the horse are differentiated in terms of type, location, articulation, and function.

Range atlas, axis plus five cervical vertebrae, seven cervical vertebrae all together, scapular, humerus, ulna, radius, cannon, long pastern (first phalanx), short pastern (second phalanx), pedal bone (third phalanx), navicular, sesamoid, tibia, stifle, splint, fibula, femur, ishium, ilium, five fused sacral vertebrae, 5-6 lumbar vertebrae, 18-19 dorsal vertebrae.

- 1.2 Deviation from normal bone growth and articulation is described in terms of normal conformation and conformational defects.

Outcome 2

Demonstrate knowledge of the superficial muscles and tendons of the horse.

Range nuchal ligament, supraspinous ligament, trapezius, splenius, rhomboideus, soleus, brachiocephalicus, deltoideus, latissimus dorsi, deep longissimus dorsi, sternocephalic, pectoral, serratus ventralis, intercostal muscles, abdominal muscles, gluteal muscles, biceps femoris, superficial digital flexor muscle and tendon, long digital extensor muscle and tendon, deep digital flexor muscle and tendons of front and hind limbs, suspensory ligament, check ligament.

Performance criteria

- 2.1 Major superficial muscle groups are differentiated in terms of type, location and function.
- 2.2 Ligaments and tendons are differentiated in terms of location and function.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 August 1996	31 December 2023
Revision	2	11 June 1998	31 December 2023
Review	3	21 May 1999	31 December 2023
Review	4	25 September 2003	31 December 2023
Review	5	17 October 2008	31 December 2023
Review	6	29 July 2021	31 December 2023

Consent and Moderation Requirements (CMR) reference	0018
--	------

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