
SHEEP PRODUCTION TECHNICIAN

COURSE OTH9915: SHEEP OPERATIONS AND CARE 33

Prerequisite: AGR3000: Agriculture Safety (**Note:** Students are required to complete the prerequisite course prior to enrollment in the first course of the Sheep Production Technician specialization.)

Description: Students demonstrate the ability to manage sheep grazing, maintain sheep health, demonstrate knowledge of basic sheep enterprises, distinguish among breeds of sheep, demonstrate knowledge of sheep nutrition and lamb management, assist with sheep reproduction, demonstrate knowledge of basic sheep marketing practices, identify and maintain farm records, and demonstrate effective and appropriate employability skills.

Parameters: Each of the three courses that constitute the Sheep Production Technician specialization is designed to be delivered off-campus. The annual inspection and approval of the work station, and the monitoring, supervision and assessment of each student's progress and performance must be done in accordance with the procedures specified in the *Off-campus Education Handbook*.

Prescribed

General Outcomes: *The student will:*

- demonstrate the ability to manage sheep grazing
- maintain sheep health, including:
 - demonstrate knowledge of sheep anatomy and physiology
 - demonstrate knowledge of common sheep disorders and diseases
 - administer animal medications
 - perform basic animal first aid
 - apply internal and external pest controls
- demonstrate knowledge of basic sheep enterprises
- distinguish among breeds of sheep
- demonstrate knowledge of sheep nutrition, including feed and manage orphans
- assist with sheep reproduction/parturition, including lambing and fostering
- demonstrate knowledge and practices of lamb management by assisting with weaning lambs

- identify and maintain farm records
- demonstrate knowledge of basic sheep marketing practices
- demonstrate effective and appropriate employability skills

COURSE OTH9916: SHEEP PROCESSES AND PRACTICES 33

Prerequisite: AGR3000: Agriculture Safety (**Note:** Students are required to complete the prerequisite course prior to enrollment in the first course of the Sheep Production Technician specialization.)

Description: Students demonstrate knowledge of how to dispose of dead sheep, feed sheep and manage waste, operate farm equipment, demonstrate a positive attitude toward safety and safe work skills, and demonstrate effective and appropriate employability skills.

Parameters: Each of the three courses that constitute the Sheep Production Technician specialization is designed to be delivered off-campus. The annual inspection and approval of the work station, and the monitoring, supervision and assessment of each student's progress and performance must be done in accordance with the procedures specified in the *Off-campus Education Handbook*.

Prescribed

General Outcomes:

The student will:

- demonstrate knowledge of how to dispose of dead sheep
- feed sheep and manage waste, including:
 - supervise the daily water supply
 - carry out a feeding program
 - operate feeding equipment
 - perform a cleaning routine
- operate farm equipment, including:
 - demonstrate knowledge of off-road and road travel regulations
 - operate tractors
 - operate tractors with a front-end loader
 - perform routine maintenance and service on tractors
 - operate farm trucks with towed equipment
 - haul livestock
- demonstrate a positive attitude toward safety and safe work skills and habits, including:
 - use fire extinguishers to control farm fires
 - perform emergency first aid
 - demonstrate safe personal work habits around farm livestock
- demonstrate effective and appropriate employability skills

COURSE OTH9917: SHEEP HUSBANDRY AND SYSTEMS 33

Prerequisite: AGR3000: Agriculture Safety (**Note:** Students are required to complete the prerequisite course prior to enrollment in the first course of the Sheep Production Technician specialization.)

Description: Students demonstrate the ability to handle sheep, including tipping a sheep, crutching a sheep, applying tags and other identifiers, and shearing a sheep; demonstrate knowledge and apply the principles and practices of the *Code of Practice for the Care and Handling of Sheep*; and demonstrate effective and appropriate employability skills.

Parameters: Each of the three courses that constitute the Sheep Production Technician specialization is designed to be delivered off-campus. The annual inspection and approval of the work station, and the monitoring, supervision and assessment of each student's progress and performance must be done in accordance with the procedures specified in the *Off-campus Education Handbook*.

Prescribed

General Outcomes:

The student will:

- demonstrate the ability to handle sheep, including:
 - demonstrate knowledge of sheep behaviour
 - tip a sheep
 - crutch a sheep
 - dock and castrate lambs
 - trim hoofs
 - apply tags and other identifiers
 - handle sheep wool
 - use dogs to work with sheep
 - shear a sheep
 - maintain fences and corrals
 - demonstrate the proper use of basic hand and shop tools
- demonstrate knowledge and apply the principles and practices of the *Code of Practice for the Care and Handling of Sheep*
- demonstrate effective and appropriate employability skills