
FEEDLOT BEEF PRODUCTION TECHNICIAN

COURSE: HANDLING FEEDLOT CATTLE 33

Corequisite: CTR1210: Personal Safety (Management)

Note: Students are required to complete the corequisite course prior to or concurrent with their enrollment in the first course of the Feedlot Beef Production Technician specialization.

Description: Students demonstrate the ability to process and handle cattle, including receiving cattle, implanting growth stimulants, applying ear tags, vaccinating cattle, branding cattle, shipping cattle, applying insecticides, dehorning cattle and performing castration; maintain facilities, using appropriate housekeeping procedures; and demonstrate effective and appropriate employability skills.

Parameters: Each of the three courses that constitute the Feedlot Beef 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 policy.

Prescribed

General Outcomes: *The student will:*

- demonstrate the ability to process and handle cattle, by:
 - identifying and interpreting cattle behaviour
 - performing cattle receiving procedures
 - implanting growth stimulants
 - inserting/applying ear tags
 - vaccinating cattle
 - branding cattle
 - shipping cattle
 - applying insecticides
 - dehorning cattle
 - castrating cattle

- maintain facilities, by:
 - demonstrating effective housekeeping and safety skills
- demonstrate effective and appropriate employability skills.

COURSE: **FEEDLOT CATTLE CARE AND FEEDING 33**

Corequisite: CTR1210: Personal Safety (Management)

Note: Students are required to complete the corequisite course prior to or concurrent with their enrollment in the first course of the Feedlot Beef Production Technician specialization.

Description: Students demonstrate the ability to process and handle cattle; treat cattle; perform pen-checking duties; handle and administer treatment drugs; identify and treat selected cattle diseases, disorders and parasites; pull cattle from pens; receive feedstuffs; prepare and maintain bedding; and demonstrate effective and appropriate employability skills.

Parameters: Each of the three courses that constitute the Feedlot Beef 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 policy.

Prescribed

General Outcomes: *The student will:*

- process and handle cattle, by:
 - identifying feedlot cattle types
 - assessing the quality of incoming cattle
 - identifying components of the market and grading systems
- treat cattle, by:
 - demonstrating basic knowledge of cattle anatomy and physiology
 - identifying and administering treatment protocols
 - recognizing, handling and administering medicinal drugs
- perform pen-checking duties, including:
 - checking cattle for signs of abnormalities
 - inspecting feed bunks, waterers and pen facilities
 - pulling cattle from pens
- feed cattle, by:
 - demonstrating basic knowledge of a feed management plan
 - assessing feeding rations and feed quality standards
 - carrying out a feeding protocol
 - receiving feedstuffs
- prepare and maintain bedding
- demonstrate effective and appropriate employability skills.

COURSE: FEEDLOT SUPPORT SYSTEMS 33

Corequisite: CTR1210: Personal Safety (Management)

Note: Students are required to complete the corequisite course prior to or concurrent with their enrollment in the first course of the Feedlot Beef Production Technician specialization.

Description: Students demonstrate the ability to operate livestock handling equipment, including a cattle weigh scale; feed cattle; operate a feed truck, and service equipment; use operator manuals; demonstrate knowledge of road travel regulations; operate trucks and operate tractors with front-end loaders; perform routine truck servicing; use fire extinguishers and basic hand and power tools; repair fences and corrals; and demonstrate effective and appropriate employability skills.

Parameters: Each of the three courses that constitute the Feedlot Beef 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 policy.

Prescribed

General Outcomes: *The student will:*

- process and handle cattle, by:
 - operating livestock handling equipment
 - operating a cattle weigh scale
- feed cattle, by operating and maintaining feed mixers and feed trucks
- operate and service equipment, by:
 - using operator manuals
 - demonstrating knowledge of road travel regulations
 - operating trucks on roads
 - performing routine truck servicing
 - selecting and using fire extinguishers
 - selecting and using basic hand tools
 - selecting and using power tools
 - repairing fences and corrals
 - operating tractors with front-end loaders
- demonstrate effective and appropriate employability skills.

