

VET 232: Anesthesia and Diagnostic Imaging

This online course introduces the student to principles of anesthesia, diagnostic imaging, and safety in various animal species. Topics include an introduction to anesthesia, patient evaluation and preparation, pre-anesthetic considerations, local anesthesia, assessing the depth of general anesthesia, injectable anesthetic drugs, inhalation anesthesia, introduction to radiography, the radiograph machine, darkroom, radiographic films, general principles of positioning, radiographic protocol, safety measures, technique charts, quality control, introduction to ultrasonography, patient preparation, and equipment controls; required clinical tasks will be completed in an approved clinical site. Upon course completion, the student should be able to properly anesthetize and monitor animals under anesthesia, develop a technique chart, and apply the care and knowledge necessary to produce good quality radiographs and safety measures.

Credits: 4

Lab Hours: 0

Lecture Hours: 3

3

Prerequisites:

VET 120

VET 124

VET 236

VET 242

As required by program