

# Food Animal Veterinary Certificate Procedures

3<sup>rd</sup> Year: 7 Cores      4<sup>th</sup> Year: 9 Cores

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## Competency item name

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Castration/Dehorn Labs (Models): Apply appropriate methods to situation - Castration, Dehorning & Disbudding; Identify instruments; Surgical and banding castration techniques

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Lameness Cadaver Lab: Bandaging; Bier block techniques; Claw amputation; Facilitated ankyloses methods; Hoof trimming

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Local Anesthetic Techniques: Familiar with all methods, must perform at least one; Inverted L; Line Block; Distal Paravertebral; Proximal Paravertebral

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Physical Exam: Complete a physical exam, including rectal palpation; Knowledge and familiarity with normal physical exam values for camelids, cattle, pigs & sheep

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Procedures and Treatments: Identification - Apply ear tags, Brucellosis ID & Tattoo; Oral Administration - Ball gun, Esophageal feeder (neonates), Pass stomach tube; Proficiency at performing injections - Caudal epidural, Intramuscular

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Restraint: Apply halter and quick release; Apply tail jack; Manuel chute operation (understand and demonstrate use of a couple models)

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*3rd Year Core Procedures: All procedures required:* 3rd Year Core (All):  
Suture Patterns and Instruments: Demonstrate (model and/or live patient) - Cruciate, Ford-Interlocking, Interrupted, Needle type for tissue, Use of S-Curve needle, Utrecht

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*4th Year Core Procedures: All procedures required:* 4th Year Core (All):  
Common Procedures and Topics: Knowledge of suture properties and selection of appropriate suture for correct procedure; Proficiency with suture patterns - Cruciate, Cushing, Ford-Interlocking, Utrecht

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*4th Year Core Procedures: All procedures required:* 4th Year Core (All):  
Diagnostics: Able to perform a packed cell volume (PCV) / total protein

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(TP); Able to perform and interpret blood collection - jugular & tail;  
Able to perform and interpret California Mastitis Test (CMT)

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Local Anesthetic Techniques: Anesthetize an eye with an appropriate method for enucleation; Bier block; Caudal epidural (know appropriate dose); Cornual; Successfully anesthetize a Paralumbar Fossa with an approved method

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Musculoskeletal: Ability to perform and analyze results from lameness exam plus hoof evaluation & wood block application; Apply a foot bandage; Demonstrate ability to identify and manage - foot rot, heel warts, hoof cracks, sole absce

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Pharmacology: Ability to identify indications, withdrawals, and define antibiotic stewardship; Calculate the appropriate amount to administer to an animal for a specific condition using the drug label of a common drug (antibiotic, anti

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Physical Exam: Complete a physical exam, including rectal palpation; Knowledge and familiarity with normal physical exam values for - camelids, cattle, pigs & sheep;

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Procedures and Treatments: Identification - Apply ear tags, Brucellosis ID & Tattoo; Oral Administration - Ball gun, Esophageal feeder (neonates), & Pass stomach tube; Proficiency at performing injections - Intramuscular (IM), Intraven

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Restraint: Apply halter and quick release; Apply tail jack; Manuel chute operation (understand and demonstrate use of a couple models)

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*4th Year Core Procedures: All procedures required: 4th Year Core (All):*  
Urogenital: Castration (multiple techniques and species); Cesarean section - Cow, Pig & Small Ruminant; Dystocia Management (fetal oversize, breech, uterine torsion); Proficiency with rectal palpation to determine pregnancy status