

Livestock Education & Certification for Agriculture Law Enforcement

Dr. Matt Hersom, UF/IFAS Dept. of Animal Sciences
Associate Professor, Extension Beef Cattle Specialist



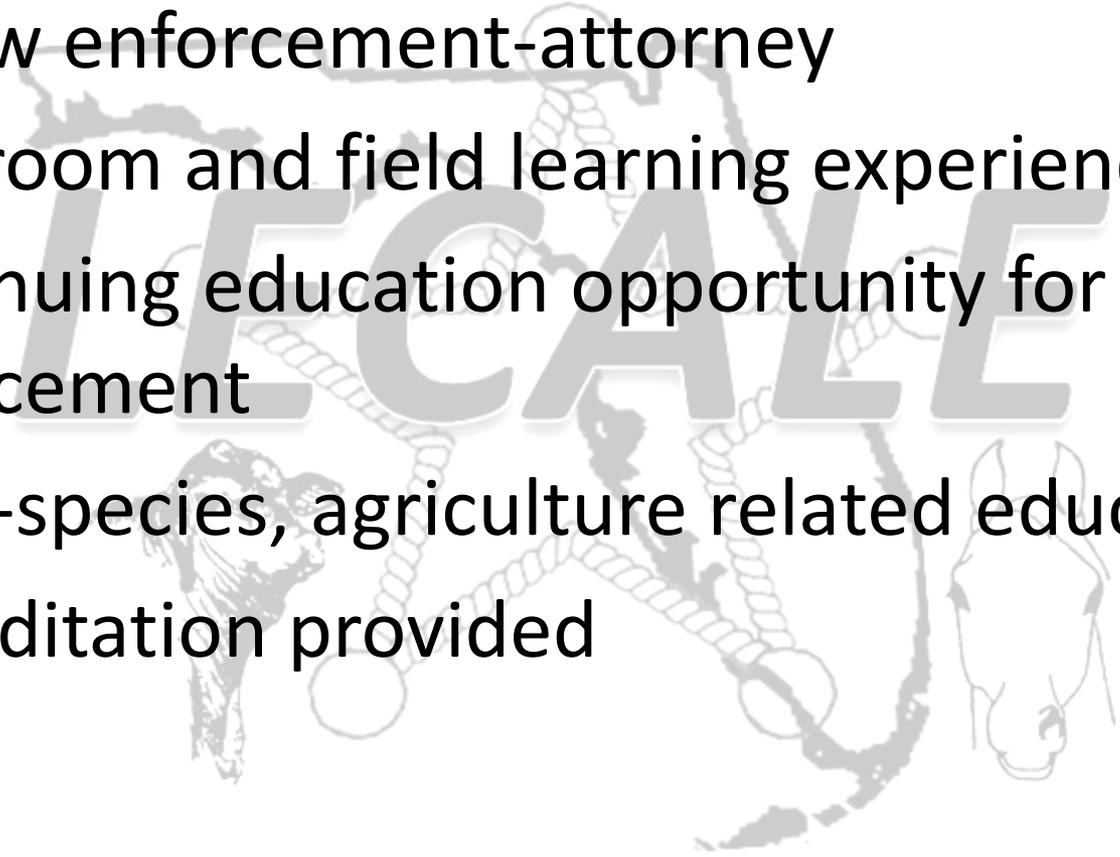
2015 Walt Disney World

Dopey Challenge

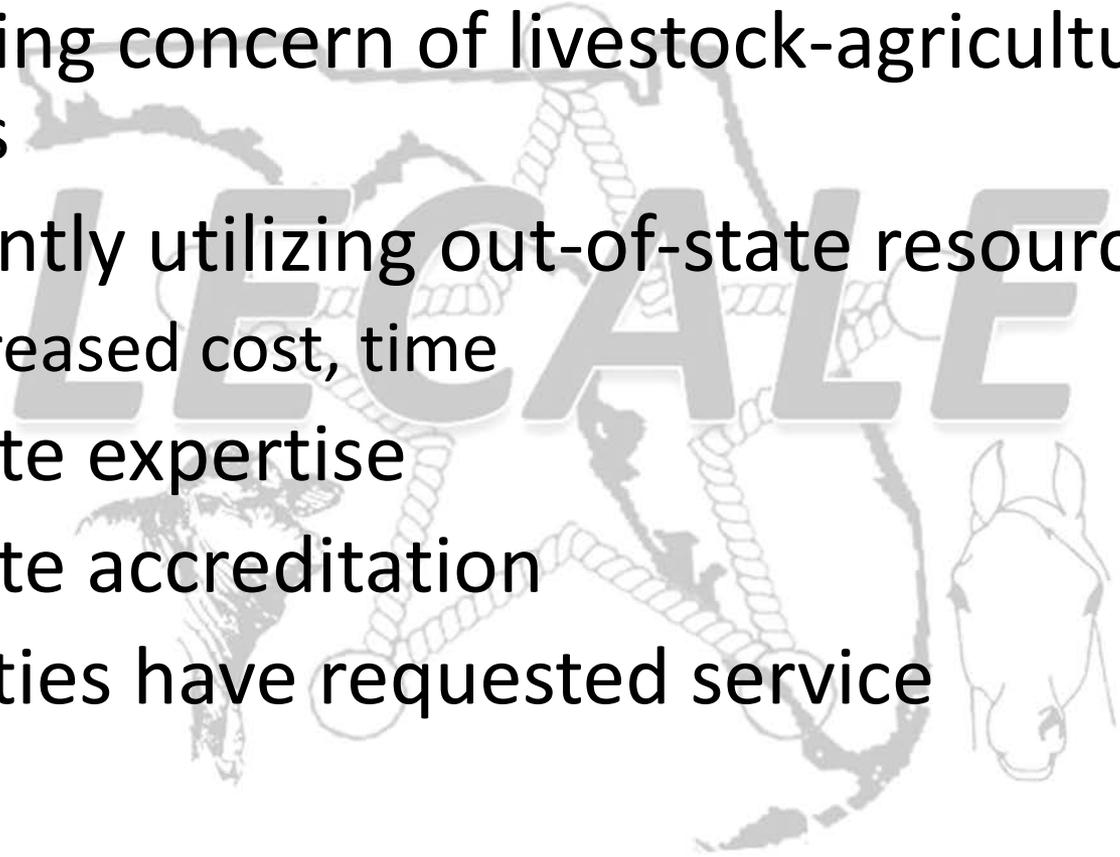
- Marathon
- Half Marathon
- 10K
- 5K



What is the LECALE Program

- Florida-based education specifically designed for law enforcement-attorney
 - Classroom and field learning experience
 - Continuing education opportunity for law enforcement
 - Multi-species, agriculture related education
 - Accreditation provided
- 
- The logo for LECALE is a large, light gray watermark in the background. It features the word "LECALE" in a bold, sans-serif font. Behind the text is a map of Florida. To the left of the map is a scorpion, and to the right is a horse's head. The entire logo is semi-transparent.

Why the LECALE Program

- Continued need for on-going education
 - Growing concern of livestock-agricultural issues
 - Currently utilizing out-of-state resources
 - Increased cost, time
 - In-state expertise
 - In-state accreditation
 - Deputies have requested service
- 

Who is Behind LECALE?

- University of Florida IFAS Extension
 - State and County Faculty
- Florida Farm Bureau
 - State and County Association
- County Sheriff Deputies
 - Multiple counties
- Florida Dept. of Agriculture and Consumer Services



Florida
Farm
Bureau



LECALE Timeline

- Three 1-day programs were held in 2011
 - Deland-Volusia Co., Bartow – Polk Co., Moore Haven – Glades Co.
 - 84 total participants
 - Certificate of attendance
- \$15,000 total seed money from Florida Farm Bureau County Action Partnership grant awarded to Pasco County Farm Bureau, UF/IFAS Extension, Pasco County Sheriff Office
- Grant from FDACS in 2013 to fund full curriculum development and pilot
- Pilot Program August 2014
- Initial offering March 2015

Benefits of LECAL Program

- Rigorous and Relevant training curriculum
- Accreditation through UF-IFAS and FFB Agriculture Education Services and Technology
- Local delivery for classroom and field content
- Subject matter experts
- Involvement of law enforcement to develop curriculum
- Immediate follow-up with training
- Cost and time effective

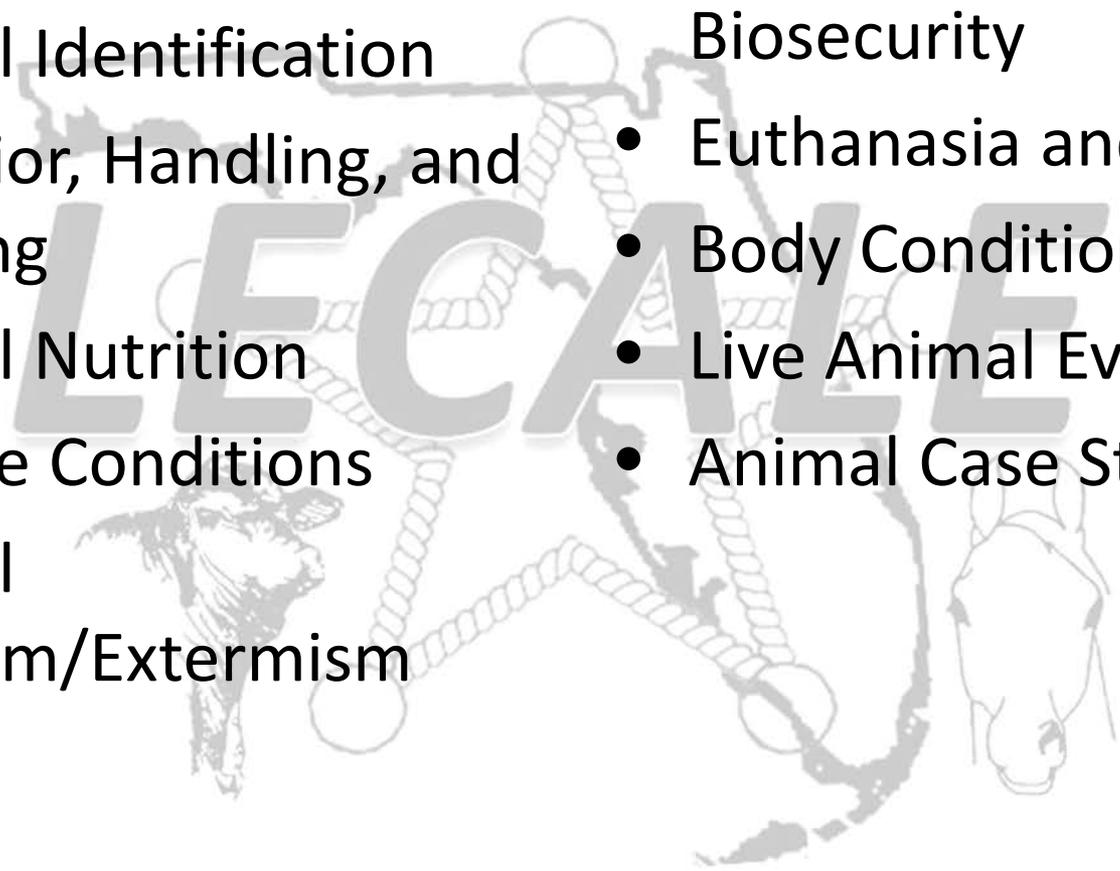
LECALE Objective

The objective of the LECALE program is to provide law enforcement and litigation attorney personnel with:

1. knowledge regarding generally accepted livestock production practices
2. skills to discern acceptable animal well-being
3. ability to apply acquired knowledge and skills in the field and during litigation proceedings

LECALE Learning Objectives Topics

- Basic Animal Husbandry
- Animal Identification
- Behavior, Handling, and Housing
- Animal Nutrition
- Pasture Conditions
- Animal Activism/Extermism
- Health, Disease, and Biosecurity
- Euthanasia and Disposal
- Body Condition Scoring
- Live Animal Evaluation
- Animal Case Studies



LECALE Program Content-Details

Basic Animal Husbandry

- Terminology
- Anatomy
- Physiological parameters
- Generally recognized practices
 - Shelter needs
 - Veterinary care
 - Management
- Optional and advanced practices

Animal Nutrition

- Basic nutrient requirements
 - Cattle
 - Equines
 - Poultry
 - Small Ruminants
- Feeds and feeding
 - Feed resources
 - Basic ration development
- Outcomes of nutritional deficiencies
 - Chronic weight loss
 - Starvation
 - Re-feeding syndrome

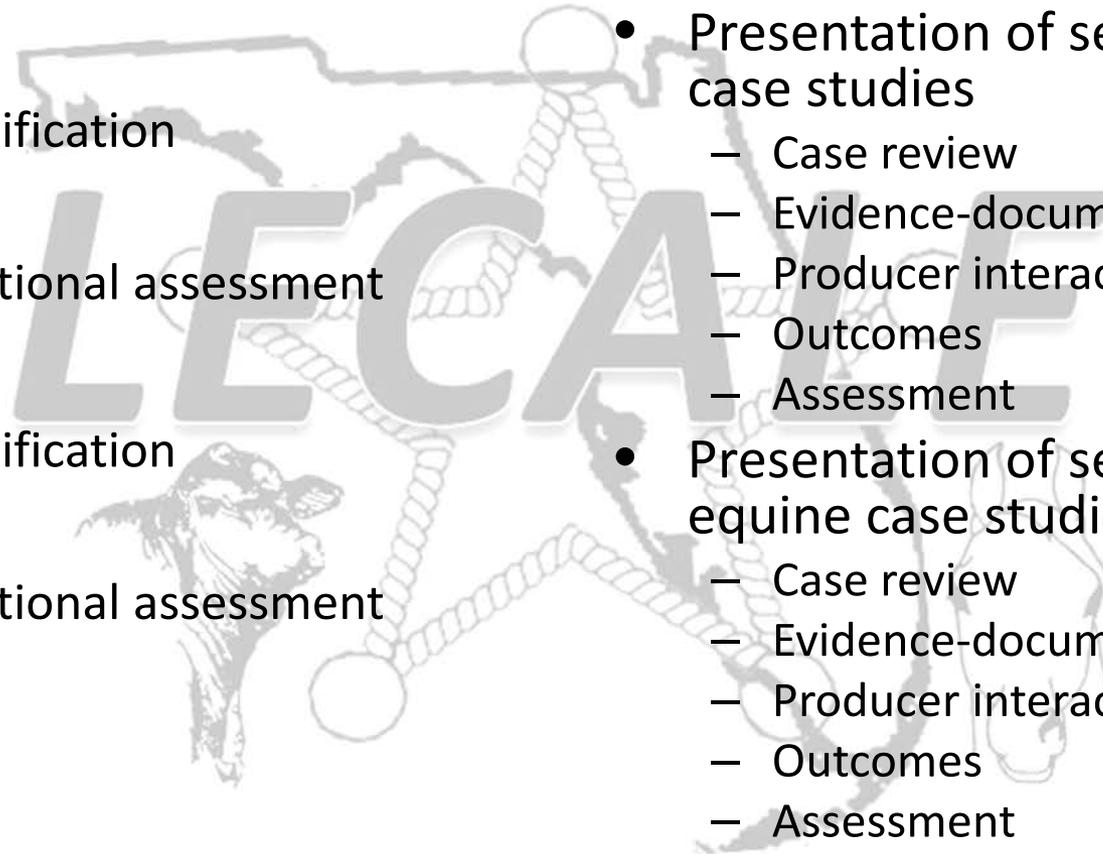
LECALE Program Content-Details

Live Animal Evaluation

- Cattle
 - Identification
 - BCS
 - Situational assessment
- Equine
 - Identification
 - BCS
 - Situational assessment

Case Studies and Seizure Situations

- Presentation of selected cattle case studies
 - Case review
 - Evidence-documentation
 - Producer interaction
 - Outcomes
 - Assessment
- Presentation of selected equine case studies
 - Case review
 - Evidence-documentation
 - Producer interaction
 - Outcomes
 - Assessment



Estimating Cow Bodyweight



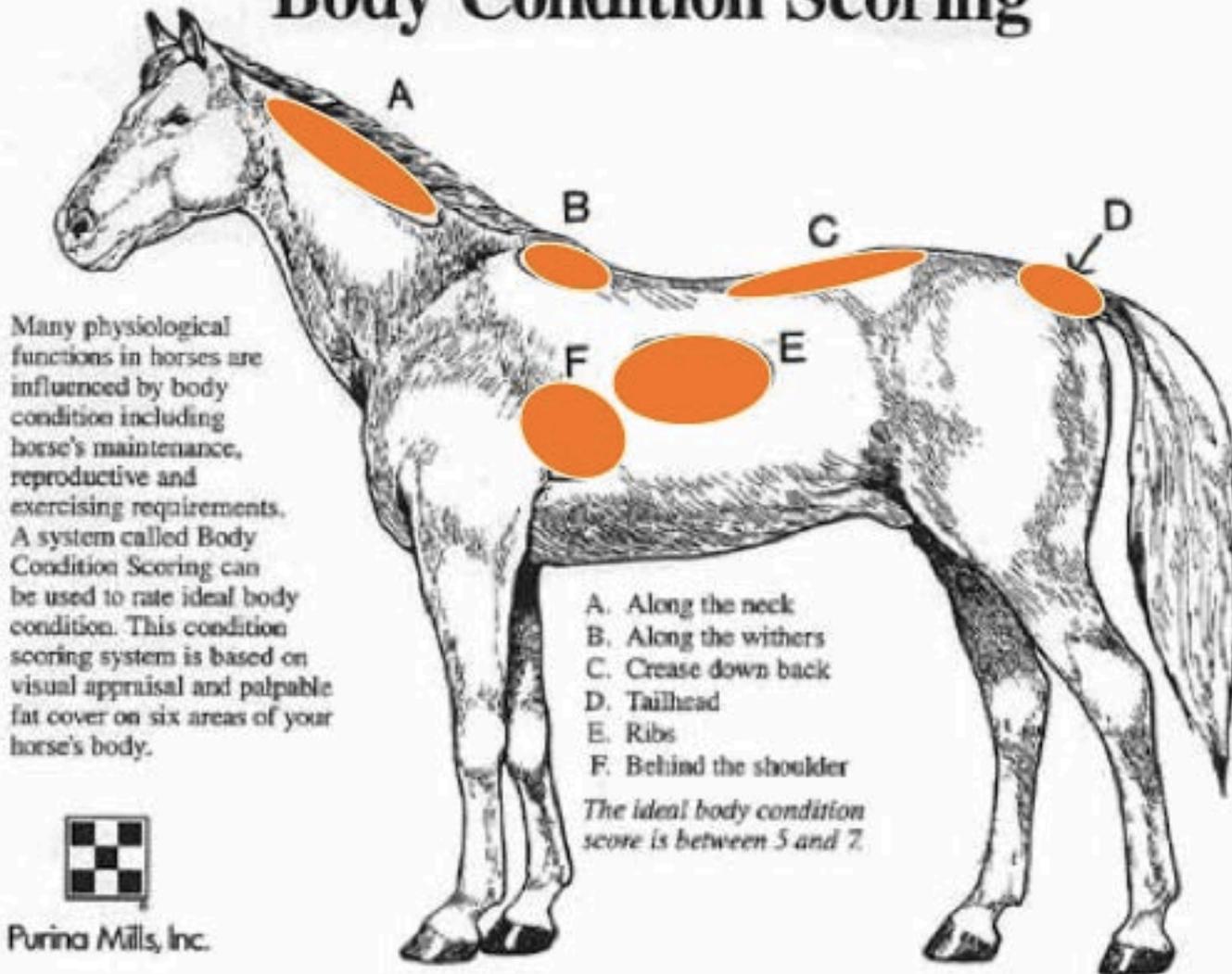
900 lbs



Branding



Body Condition Scoring



Look at the: Neck, withers, behind the shoulder, ribs, loin, and tailhead

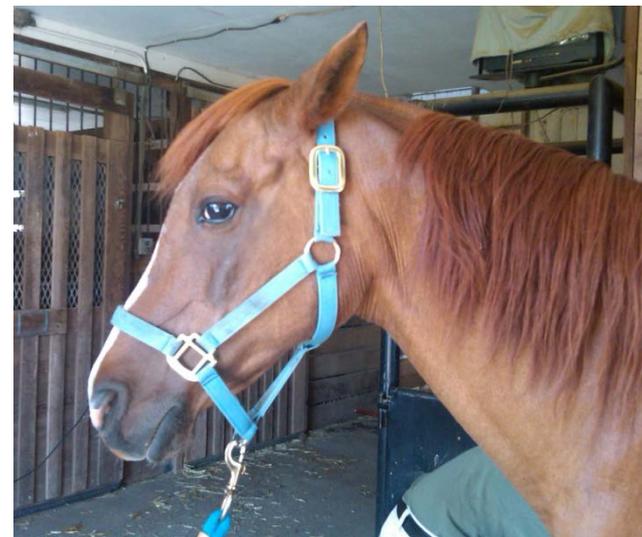
Body Condition Scoring



- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Responsibilities Associated with Equine Ownership and Management

- Understand the horse's nutritional needs
- Provide adequate foot care and grooming
- Familiar with common horse diseases and parasites
- Familiar with signs of lameness, pain, distress (creates some challenges)

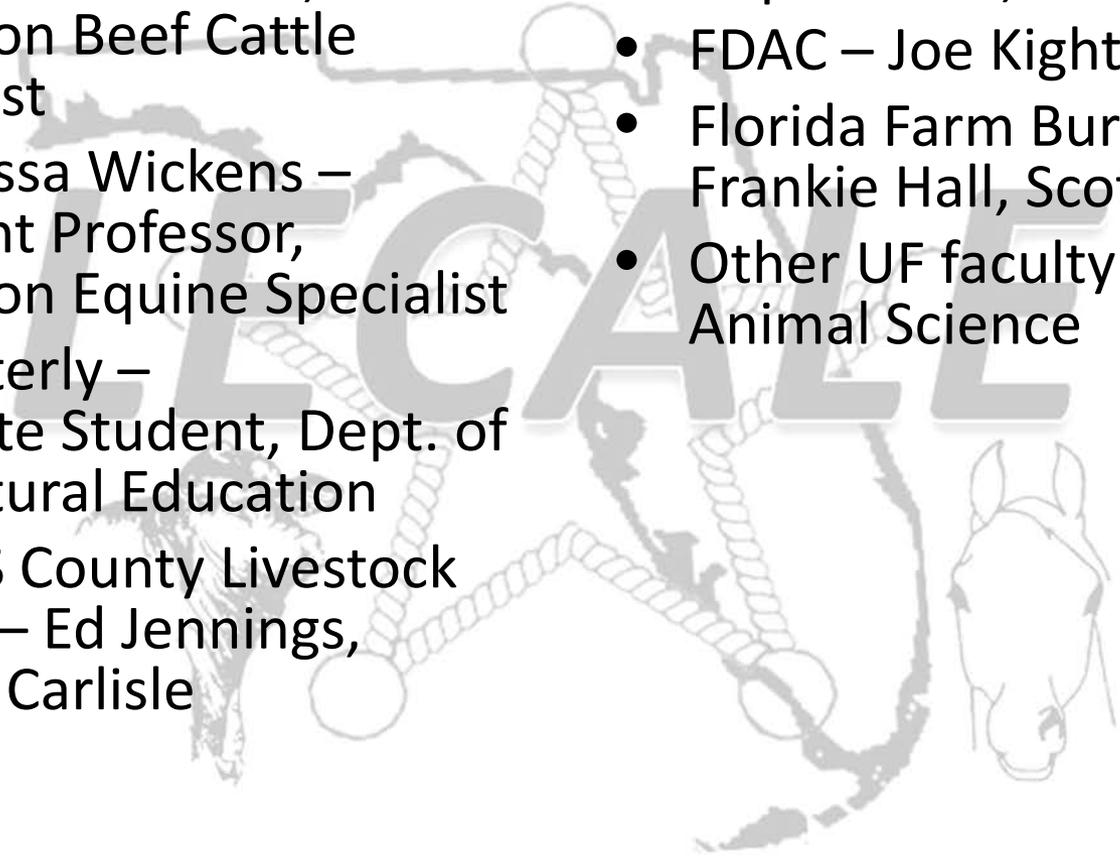


Feed classifications for Livestock

- Roughages
 - Pasture and range grass
 - Hay
 - Silage
- Concentrates
 - Grains
 - Oil-meals
 - Molasses
- Additives
 - Vitamins/Minerals
 - Medications



LECALE Program Curriculum and Program Personnel

- Dr. Matt Hersom – Associate Professor, Extension Beef Cattle Specialist
 - Dr. Carissa Wickens – Assistant Professor, Extension Equine Specialist
 - Tre Easterly – Graduate Student, Dept. of Agricultural Education
 - UF/IFAS County Livestock Agents – Ed Jennings, Bridget Carlisle
 - Multiple County Sheriff Dept. – Polk, Pasco, Alachua
 - FDAC – Joe Kight
 - Florida Farm Bureau – Frankie Hall, Scot Eubanks
 - Other UF faculty – Vet Med, Animal Science
- 

Pilot Delivery



Pilot Delivery



Pilot Class

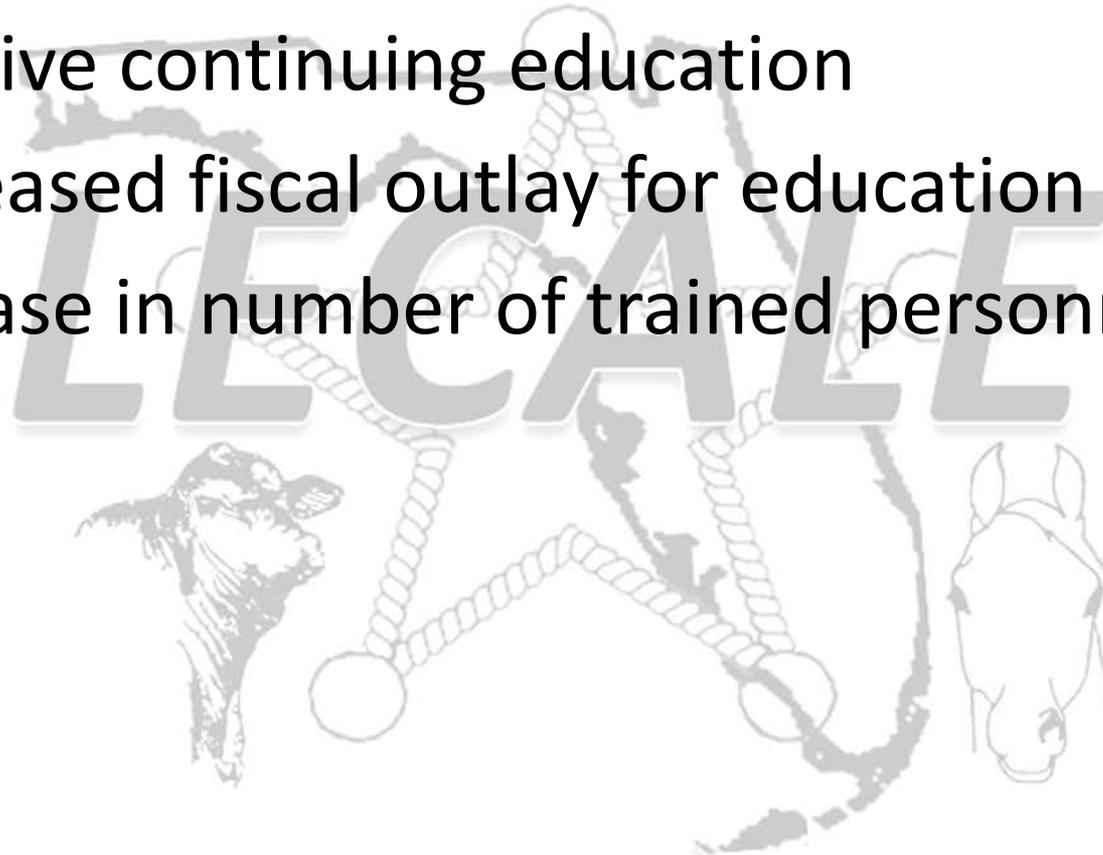


LECALE Details

- March 3-6, 2015
- Program held at UF-Gainesville
 - Class, animal, and field facilities
- 40 hours of education
 - Classroom and Field
- Certification and Accreditation
- Resource material
- \$350 registration cost per participant

LECALE Outcomes

- High value education experience
- Effective continuing education
- Decreased fiscal outlay for education
- Increase in number of trained personnel



LECALE Details

Registration:

- Attendees can register via EventBrite by following this link
- <https://www.eventbrite.com/e/livestock-education-and-certification-for-agriculture-law-enforcement-tickets-14263240737> or
- **Go to:** http://animal.ifas.ufl.edu/beef_extension/index.shtml

Registration Fee: \$349.99 for all participants regardless of affiliation. (Includes: refreshment breaks, lunches, course material, and certification fee).

- **The class will be limited to the first 25 registrants.**
- **15 spots remaining (1/6/2014)**
- **Contact:**
 - hersom@ufl.edu
 - 352-392-2390

Livestock Education & Certification for Agriculture Law Enforcement

**Dr. Matt Hersom, UF/IFAS Dept. of Animal Sciences
Associate Professor, Extension Beef Cattle Specialist**

