



44 FARMS INTERNATIONAL BEEF CATTLE ACADEMY

TEXAS A&M UNIVERSITY
DEPARTMENT OF ANIMAL SCIENCE



Emersion & Education in Advancing Beef Technologies

The Texas A&M - 44 Farms International Beef Cattle Academy is a flagship component of our educational mission; a certificate program tailored to advance the knowledge of global beef production. Students will have access to emerging technologies in cattle reproduction, nutrition, genetics, health, and welfare pertaining to all phases of beef production, as well as the quality and safety of beef and its products. The Department of Animal Science leads the 44 Farms International Beef Cattle Academy and is based on comprehensive online coursework taught by internationally-renowned Texas A&M faculty and guest lecturers, concluding with experiential learning opportunities at the Texas A&M University – College Station campus.

Comprehensive Online Coursework Taught by Experts

Modules are taught with an online based format with pre-recorded lectures. Each week there is an interactive session which allows for one on one student/instructor interaction. These interactive sessions are customized, unique experiences based on the needs and demands of the students. World-renowned researchers and educators teach the modules from around the globe.

Topics Covered

- Cattle welfare and behavior
- Forage production and utilization
- Nutritional management and requirements
- Reproductive physiology and management
- Breeding and genetics
- Immunology and herd health management
- Safety of beef products
- Carcass and beef quality



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