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University of Arkansas Poultry Short Course



The Arkansas Corn and Grain Sorghum Board in collaboration with the University of Arkansas Poultry Science Department and U.S. Grains Council is pleased to host a 2-day poultry short course for international poultry companies. The course is tailored to each group's particular interests: broilers, layers, or breeders.

The short course will provide participants a broad understanding of how the modern United States poultry industry operates, an opportunity to interact with some of the top poultry science faculty in the world and hands-on experiences to reinforce classroom learning.

Field trips will also allow participants to view production and processing principles in action as well as interact with industry officials. Participants will not be experts in poultry science at the conclusion of the short course. However, participants will have a general framework of understanding on how the U. S. poultry industry operates. This framework of understanding will provide participants with the basis for deeper understanding of the poultry industry following the short course.



Above & Right:
Commercial Hatchery Tour



Above:
FGIS Barge Grading in Memphis
Below: *Young Family Farm Tuckerman, AR*

Below: *River Terminal In Memphis*



Topics for 2-day Short Course:

1. US Poultry Industry
2. Animal Well Being
3. Breeder Production and Management
4. Poultry Nutrition Basics
5. Feed Milling
6. Poultry Anatomy-Necropsy
7. Egg Formation and Candling Exercise
8. Broiler Production and Management
9. Disease Challenges and Biosecurity Principles
10. Poultry Economics
11. Water Quality
12. Vaccination and Bird Immunity
13. Hatchery Management, Incubation, and Embryology Troubleshooting
14. Avian Influenza and Exotic Newcastle Disease
15. UA Poultry Research in Immunology, Genetics, Nutrition
16. Tours
 - a. Commercial Hatchery
 - b. Commercial Feed Mill
 - c. Commercial Broiler Farm
 - d. UA Poultry Pilot Processing Plant
 - e. UA Veterinary Diagnostic Lab

Additional Topics:

Depending on the time of year the course can also include tours of:

1. Arkansas Row Crop Farms
 - a. Corn, Sorghum, Soybeans, Cotton, Rice
2. Mississippi River Elevators in Memphis
3. FGIS Barge Grading Facility
4. Meetings with Grain Merchandisers
5. Lock and Dam Tour on Arkansas River