A graduate level distance education course is available to meet the training needs of professionals in the feed manufacturing industry. This course will build upon the management, safety, and operations topics introduced in PO 425 “Feed Technology” and PO 525 “Advanced Feed Mill Science and Technology”. The course is designed to assist in the development of graduate students, feed formulators, and technical support specialists. This online 3-credit course requires the successful completion of 4 training modules, including online discussion groups and practical assignments to enhance the learning experience.

Unit # 1: Quality Assurance Program
1. Purchasing & Receiving
2. Process Control
3. Finished Feed Inspection
4. Packaging & Delivery
5. Product Investigation & Recall
6. FDA Inspections
7. Certification Program

Unit # 2: Regulations
1. Good Manufacturing Practices (cGMP’s)
2. Bioterrorism, BSE, Bio-security
3. Animal Feed Safety System
4. Ingredient Definitions, AFFCO & FDA
5. Medications & VFD’s
6. Feed Additive Compendium
7. Commercial Feed Tags
8. Feed Mill Inspections
9. Certification Programs - SFSF

Unit # 3: Ingredients
1. Anti-nutritional Factors & Mycotoxins
2. Cereal Chemistry
3. Cereal Grains
4. Cereal By-Products
5. Rendered By-products Medicated
6. Plant Protein By-products
7. Mineral Sources
8. Micro Ingredients

Unit # 4: Quality Assurance Testing
1. QA Lab Management
2. Lab Safety
3. Standard Operating Procedures
4. Analytical Tests
5. Grain Grading
6. Feed Mill Quality Control
7. Ingredient Claims
8. Data/Matrix Management

Projects:
1) Develop the feed processing and control section of a QA Manual.
2) Write a paper on the Animal Feed Safety System.
3) Develop nutrient profiles for feed ingredients.
4) Develop two standard operating procedures.

TUITION AND FEES: $680 for N.C. Residents and $1308 for others.

For more information about this course and how to register contact:

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