

# Feed Mill Management and Feed Formulation

Training Leaders for the **Feed Manufacturing Industry**

The 10-week spring session (PO425-651) begins May 24, 2009

Registration is open March 17, until May 31, 2009.

See <http://distance.ncsu.edu> and click on Programs & Courses for information

A distance education course is available to meet the training needs of professionals in the feed manufacturing industry. This course will provide insight into feed manufacturing practices for feed manufacturing professionals, allied and non-industry professionals, animal and poultry science students, agricultural engineers, and Ag Extension Agents. This online 3-credit course requires the successful completion of 6 training modules, including weekly online conferences and discussion groups and practical assignments to enhance your learning experience.

## **Unit # 1: Introduction to Feed Mill Management**

1. Industry Overview
2. Feed Mill Business Feasibility
3. Feed Mill Design
4. Feed Mill Equipment

## **Unit # 2: Feed Mill Management & Operations**

1. Personnel Management
2. Feed Mill Maintenance
3. Inventory Control
4. Scheduling
5. Feed Mill Safety

## **Unit # 3: Feed Manufacturing Process & Control**

1. Receiving
2. Particle Size Reduction
3. Batching
4. Mixing
5. Conditioning
6. Pelleting
7. Extrusion
8. Cooling and Drying
9. Post-Pelleting Applications
10. Packaging and Load-out

## **Unit # 4: Quality Assurance**

1. Feedstuffs and Co-Products
2. Antinutrients and Mycotoxins
3. Ingredient purchasing
4. Feed Quality Assurance
5. Feed Mill Pest Management

## **Unit # 5: Feed Regulations**

1. cGMPs and HACCP
2. Feed Recalls
3. Feed Mill Inspections
4. Prohibited Mammalian Products
5. Medicated Feed Labels
6. Bioterrorism

## **Unit # 6: Feed Formulation**

1. Feed Additives and feed product enhancers
2. Premix and concentrate formulation
3. Feed formulation principles
4. Feed products and feeding program

## **Why Take Feed Mill Management Online?**

- There is a high demand for employees and managers in the feed industry who have the knowledge, skill, and expertise in various aspects of feed manufacturing.
- This is an efficient and low-cost way to gain knowledge from experienced educators, without the limitations of conventional education.
- Flexible time enhanced learning experience: Learn at home or on the job, at your own pace, whenever you want, without the need to travel or attend scheduled classes.
- Supplement on-job practical training with state of art technology and information.
- Improve your business and career opportunities.

**TUITION AND FEES:** \$681.00 for N.C. Residents and \$1308.00 for others.

**For more information about this course and how to register, visit <http://distance.ncsu.edu> or contact:**

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