

# COURSE INFORMATION FORM

ASI 106

Dept. abbreviation and course number

COLLEGE of AGRICULTURE, KANSAS STATE UNIVERSITY

**Course Title:**

Dairy and Poultry Science. (1) I, II.

**Course Description:**

Introduction to the Dairy and Poultry Industries. Two hours lab a week. ASI-106-1-0104.

**Student Performance Objectives:**

Students successfully completing the course will have:

- A working knowledge of career opportunities in the dairy and poultry industries.
- A basic understanding of the U.S. Dairy Industry and production systems.
- A basic understanding of the integrated poultry industry and production systems.

**Instructor:**

Scott Beyer and Jeff Stevenson

**Course Outline:****Dairy**

- I. U.S. Dairy Industry and Herd Characteristics
- II. Functional Type Evaluation
- III. Facilities and Feedstuffs
- IV. Reproductive Management and Artificial Insemination
- V. Milking Management
- VI. Dairy Herd Record Systems
- VII. Milk Processing

**Poultry**

- I. Industry Organization
  - a. Integration
  - b. Contracting
  - c. Career Opportunities
- II. Facilities
- III. Poultry Breeds and General Avian Anatomy
- IV. Avian Digestive System
- V. Eggs, Quality and Reproduction
- VI. Poultry Nutrition
- VII. Gamebird and Ratite Industries

**Evaluation Procedures:**

Four hour exams, problem sets, and lab practicals.

**Text and Reference Material:**

Dairy Science and Poultry Science manuals.

**Sequencing:**

Primarily for Freshman and Sophomores

**Supplemental Information:**