

**AG 64 Course Outline as of Fall 1981****CATALOG INFORMATION**

Dept and Nbr: AG 64

Title: DAIRY PRODUCTION

Full Title: Dairy Production

Last Reviewed: 1/25/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Dairy industry in California, U.S. and the world; dairy breeds, development of dairy herds, selection, feeding, reproduction, milking, merchandising and raising of replacements. Commercial and purebred operations.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for English 100A or equivalent.

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Dairy industry in California, the U.S., the world; dairy breeds, development of dairy herds, selection, feeding, reproduction, milking, merchandising, and raising of replacements. Commercial and purebred operations. (Grade Only)

Prerequisites/Corequisites:

Recommended: Eligibility for English 100A or equivalent.

Limits on Enrollment:

Transfer Credit: CSU;UC. (CAN AG28)

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Transferable	Effective:	Fall 1981	Inactive:
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<b>UC Transfer:</b>	Transferable	Effective:	Fall 2001	Inactive:
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### **CID:**

CID Descriptor:AG - AS 112L Dairy Cattle Industry / Dairy Cattle Science

SRJC Equivalent Course(s): ANSCI29

### **Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Student will:

1. Understand common diseases and parasites and their control.
2. Have ability to evaluate dairy animals by production data and live analysis.
3. Perform basic management procedures such as dehorning, identification, and vaccinating.
4. Demonstrate a knowledge of feeding and reproduction as it pertains to sound management.
5. Identify all breeds of dairy cattle and assess their differences.
6. Have basic knowledge of housing and milking facilities and equipment.

### **Topics and Scope:**

1. History in development and importance of dairying in the World, U.S., and California.
2. Study of types of dairy farms found in California.
3. Study of development of modern breeds of dairy cattle.
4. Methods used in development of a dairy herd.
  - a. selection
  - b. methods of obtaining dairy cattle
  - c. financing
5. Care of cow before and after freshening.
6. Feeding and management of dairy calves from birth to six months of age.
7. Care, feeding, and management of animals six months to two years of age.

8. Milk marketing in California.
9. Study of modern dairy equipment.
10. Study of modern milking procedures.
11. Study of dairy cattle breeding.
  - a. artificial insemination
  - b. reproductive problems

### Assignment:

Assignments will be taken from periodicals, handouts, and texts.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Lab reports, Essay exams

Writing  
10 - 25%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Lab reports, Quizzes, Exams

Problem solving  
40 - 60%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Performance exams

Skill Demonstrations  
5 - 10%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams  
5 - 10%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

### Representative Textbooks and Materials:

DAIRY CATTLE PRINCIPLES, PRACTICES, PROBLEMS, AND PROFITS; BATH PUBLISHERS: LEA AND FEBIGER, 1985