



–Davis Sr. High School–

AGRICULTURE DEPARTMENT

www.davisffa.com

Animal Science
Course Syllabus



315 W. 14th St.
Davis, CA 95616
(530) 757-5400 ext. 385

Shop O-2
Mr. Grant Ermis
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COURSE INFORMATION

Prerequisites: Integrated Ag Biology (Recommended)

Grade level: All Agriculture Students

This Course Fulfills:

- ☞ DSHS Life Science
- ☞ UC “g” Elective Credit

COURSE DESCRIPTION

This course provides information, activities, and skills in the areas of scientific method, classification systems, mammalian production, production management, health care, anatomy, physiology, reproduction, nutrition, mitosis, meiosis, respiration and genetics. Emphasis is placed on mammals that are most important to human culture. Homework varies by unit, but averages about one assignment per week. Some of the potential course topics include:

- ☞ ANATOMY AND PHYSIOLOGY
 - ☞ Nervous System
 - ☞ Skeletal System
 - ☞ Muscular System
 - ☞ Circulatory System
 - ☞ Respiratory System
 - ☞ Endocrine System
 - ☞ Digestive System
 - ☞ Reproductive System
- ☞ ANIMAL NUTRITION
- ☞ ANIMAL HEALTH AND SANITATION
- ☞ ANIMAL BEHAVIOR

- ☞ LARGE ANIMALS
 - ☞ Sheep
 - ☞ Swine
 - ☞ Beef
 - ☞ Dairy
 - ☞ Horse
- ☞ SMALL ANIMALS
 - ☞ Fish
 - ☞ Chickens
 - ☞ Guinea Pigs/Cavies
 - ☞ Rabbits
 - ☞ Dogs

FFA and Supervised Agriculture Experience Programs (SAEP) participation is required and graded. Additionally, students will have the unique prospect of developing premier leadership, personal growth and career success through the opportunities offered in the National FFA Organization. There are currently over 500,000 students taking advantage of these opportunities around the United States, including over 66,000 of those in the State of California.

COURSE PERFORMANCE OBJECTIVES

The Student will:

- ☞ Complete all projects and tasks with 100% effort.
- ☞ Prepare documentation of basic records necessary in Animal Science.
- ☞ Develop valuable leadership skills that will carry into the student’s adult life.

BY SIGNING BELOW I ACKNOWLEDGE AND UNDERSTAND THE ATTACHED SYLLABUS AND WILL ABIDE BY THE GUIDELINES THAT ARE EXPECTED IN THE AGRICULTURE MECHANICS I COURSE SYLLABUS, WITH MR. ERMIS, AND THE DAVIS SR. HIGH SCHOOL AGRICULTURE DEPARTMENT.

<u>Student</u> Name: _____	<u>Parent</u> Name: _____
Signature: _____	Signature: _____
Date: _____	Date: _____
Phone: _____	Phone: _____
E-mail: _____	E-mail: _____
Address: _____	

ASSIGNMENT # 1

****TURNING THIS COMPLETED FORM IN BY 9/5/2008 IS WORTH 5 POINTS OF REGULAR CREDIT****

THE AGRICULTURE EDUCATION 3-RING MODEL

