Reedley College Animal Science Program

Course Syllabus – Spring 2010

Course Number & Name: AS 3 – Sheep Production **Section Number:** 50314

Instructor Information:

Contact Information:
David M. Lopes
Phone/Voice Mail: 638-0319
E-mail: david.lopes@reedleycollege.edu

Office Hours:
Tuesdays & Thursdays 9:00 – 10:00 am
Wednesdays 10:00 – 11:00 am
Office: AGR 5

Class Meets:

Lecture: Tuesday & Thursday
10:00 – 10:50 am in AGR 15

Lab: Wednesday, 2:00 – 4:50 pm in AS Pavilion
(Note: Lab sessions of this course will periodically meet at off-campus sites.)

Holidays: Holidays will be observed as per the State Center Community College District Schedule.

Drop Deadline:
The last day for a student to drop this course is **Friday, March 12th**. After this date, the student must receive a grade.

Final Exam Date:
Thursday, May 20th, 10:00 am to 11:50 am

Prerequisites: None **Units:** 3 (based on 2 hours lecture and 3 hours lab per week)

Text & Other Required Materials:

Sheep Production Handbook, 2002 Edition, Volume 7,
American Sheep Industry Association, ISBN 0-9742857-0-6

Notebook & writing utensil for both lecture and lab sessions.

Supplemental References
Animal Industry Trade Magazines, Livestock Breed Magazines, and numerous Internet Sites.

Method for Measuring Student Advancement and Determining Grades
The methods for measuring students' achievement & determining grades are:

Writing Assignment
Laboratory Reports, Semester Term Paper Project
Computational Problem-solving
Homework Problems, Field & Lab Work
Skill Demonstrations
Class Performance, Field & Lab Work
Examinations
Multiple Choice, True/False, Matching, Essay

Grading Scale: A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%, F = under 60%.
The final grade will be determined from 25% class assignments & tests, 25% final exam, 25% semester term paper project, and 25% lab points.

Attendance Requirements:
Attendance is required since most of the learning occurs in a lecture/laboratory situation.

- Students are responsible for obtaining notes/information missed due to an absence from the instructor.
- Please notify the instructor if you know in advance that you will be absent from class.
- College policy dictates that an instructor should drop a student with two consecutive weeks of unexcused absences.
- At the end of the 9th week of instruction, no withdrawals are permitted and the student must receive a grade.
- Make up tests and assignments will only be allowed for emergency situations and pre-excused absences.

Behavioral Standards:
All students are expected to act in a mature, responsible manner that respects the rights of all other students, the instructor, and any guest presenters that may participate in the class. All cell phones and other electronic gadgets that may cause distraction are to be turned "off" during lecture and lab sessions.

Cheating & Plagiarism:
In keeping with the philosophy that students are entitled to the best education available, and in compliance with Board Policy 5410, each student is expected to exert an entirely honest effort toward attaining an education. Violations of this policy will result in disqualification for the course.

Accommodation Statement:
If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

Course Description:
This course is a survey of the livestock industry, the supply of animal products and their uses, with a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. This course will analyze the economic trends and career opportunities in animal agriculture.

Lecture & Laboratory Topics:
See attached spreadsheets for lecture & lab topics, student assessment methods and respective point values.

Learning Objectives:
The student will:

- Develop a well-organized plan for a sheep production enterprise that integrates all aspects of flock development and management discussed in the AS 3 – Sheep Production course.
- Judge/rank classes of feeder, market, and breeding sheep based on visual conformation and performance data.
- Perform appropriate veterinary procedures commonly utilized in the sheep industry.
- Apply technological innovation to sheep production and flock management (e.g. ultrasound).
- Demonstrate ethical and safe methods for moving, handling, and restraining sheep.
- Evaluate potential career opportunities related to the sheep industry.
- Classify sheep according to appropriate market classifications and grades.
- Diagram and describe the facility components for a sheep production enterprise.
- Identify common breeds of sheep and list their respective economically important strengths.
- Evaluate performance data for sheep.
- Administer pharmaceutical products (such as vaccines) to sheep utilizing industry accepted methods that are in compliance with the Sheep Quality Assurance program.
- Discuss nutrient requirements and feeding programs for various stages of sheep production.
- Utilize electronic identification and data management systems.
- Identify signs of illness in live sheep.
- Identify anatomical features of sheep.
- Describe the major segments of the sheep industry.

AS 3 - Sheep Production
Lecture Topic Outline
Spring 2010

Instructor: D. M. Lopes

Unit Topic (listed in approximate order to be addressed)*	Estimated Number of Lecture Sessions	Assessment Method (Associated Assignment, Test, Other ...)	Estimated Point Value
Course Introduction & Syllabus Review	1	Syllabus Review Form	100
Introduction to the Sheep Industry (History, Economics, Distribution, Structure, Production, Co	6	Unit Test	100
Sheep Enterprise Plan - Assignment Purpose, Explanation & Outline Development	1	Semester Project (Typed)	250
Sheep Behavior, Handling, Facilities & Equipment	6	Unit Test	100
Establishing a Breeding Flock (Breed Types, Breeds, Mating Systems, Performance Data, Sel	6	Unit Test	100
Flock Management (Production Calendar, Health, Nutrition & Environmental Management)	7	Unit Test	100
Marketing of Sheep Products (Market Classes & Grading, Wool Production & Grading)	6	Unit Test	100
Final Exam Review	1	N/A	-
Final Exam	1	Scantron Exam	500
Semester Totals (18 weeks)	**35**		**1,350**

* The exact order of topics may vary depending upon availability of necessary resources and other factors.

AS 3 - Sheep Production
Lab Topic Outline
Spring 2010

Instructor: D. M. Lopes

Topic*	Estimated Number of Lab Sessions**	Assessment Method (Associated Assignment, Test, Other ...)	Estimated Point Value
Sheep Management Skills: Movement, Handling, Restraint, ID Application & Veterinary Proce	3	Student Lab Reports	300
Breeding Flock Management	1	Student Lab Report	100
Pregnancy Detection in Ewes Using Real-Time Ultrasonography	1	Student Lab Report	100
Parturition & Baby Lamb Management	1	Student Lab Report	100
Sheep Facility Design Development & Construction	2	Student Lab Reports	200
Evaluation & Selection of Feeder, Market & Breeding Animals (including live estimation of age	1	Judging Cards	150
Market Lamb Harvesting & Identification of Ruminant Internal Anatomy	1	Student Lab Report	100
Lamb Carcass Grading, Processing & Cuts Identification	1	Student Lab Report	100
Sheep Shearing and Wool Handling	1	Student Lab Report	100
California Ram Sale - Sheep Marketing & Merchandising	1	Student Lab Report	100
Tour of a Commercial Range Sheep Enterprise	1	Tour Report	100
Tour of a Purebred Seedstock Sheep Enterprise	1	Tour Report	100
Tour of a Club Lamb Sheep Enterprise	1	Tour Report	100
Oral Presentation of Semester Project (Sheep Enterprise Plan)	1	Oral Presentation	250
Final Exam Week - No Class Meeting for Lab	1	N/A	-
Semester Totals (18 weeks)	**18**		**1,900**

* The exact order of topics will vary according to the flock production calendar, availability of necessary resources, and other factors.

** Some lab activities may be split over two or more lab sessions in order to provide ample opportunity for student practice. Also, multiple topics may be addressed during any one lab session.

Reedley College Animal Science Program

Course Syllabus Review Verification & Expectations Statement

I, _____, do hereby verify that I have received and reviewed a

<print your first & last name>

copy of the course syllabus for **AS 3 – Sheep Production**. Furthermore, I understand that:

- Individuals who consistently exhibit excellent time management skills, proficiency in communication, and a high level of work ethic are highly valued by employers. Therefore, these skills will be evaluated as part of the grade for this course, particularly during labs.
- I am responsible for attending each class session (lecture & lab) and that I may be dropped from this course if I exceed two (2) absences (lecture & lab combined) prior to the end of the ninth week of instruction.
- I will exhibit respect toward all other students, guest speakers, faculty, staff and others associated with this class. Foul language, crude humor, and inappropriate comments directed at others (in regard to ethnicity, religion, economic status, disability, or any other factors) will not be tolerated.
- I am responsible for my own behavior in this class. Excessive disruption of class (including excessive tardies, unexcused departures from class, excessive talking, and/or other disruptive behaviors) may result in being dropped from the course.
- I am responsible for obtaining the appropriate text and materials needed for this course.
- I am responsible for taking notes in class as most of the test material will be covered during lecture.
- I am responsible for doing my own work in both lecture and lab.
- I am responsible for turning off (or switching to silent) my cell phone during lecture and lab sessions for this course and that I may not use my cell phone for any reason during tests.
- Makeup work (for both tests and lab activities) will only be allowed in the case of extreme illness, family emergency, or a pre-approved absence (such as a class field trip).
- I am responsible for making up missed tests and assignments within one week after returning from my pre-approved absence (see previous bulleted item).
- This class may include periodic impromptu quizzes, which may be "open book" or "open note" in format, and that I must use my own textbook and/or notes for these quizzes. These will be timed quizzes, which may be given at the start of class. Makeup of these quizzes will not be allowed in the case of tardiness.
- I should wear suitable attire and footwear for the lab portion of this course. Shorts and sandals are not appropriate for working with large animals.
- The approximate grade breakdown for this course will be as follows:

Lecture Exams, Quizzes, & Assignments	25%
Semester Term Paper Project	25%
Final Exam	25%
Laboratory Assignments & Tests	25%
	100%

_____ _____

Student Signature Today's Date

Note: This assignment is worth 100 points and must be submitted immediately upon entering the course.