ANSC 419
Sheep Science
Spring 2013

Instructor: Heath Geiman, WIU Farm Coordinator
101 Livestock Center
E-mail: hd-geiman@wiu.edu
Office Hours: By appointment only

Class Times:
Lecture: M, W 1:00 – 1:50pm in Livestock Center 106
Lab: Th 1:00 – 2:50pm in Livestock Center 106

Text:
None required, however The Sheep Production Handbook would be very beneficial.

Additional Course Materials:
N/A

Course Description:
This course is intended to examine how mankind and the ovine species interact to provide food and fiber for human consumption.

Course Objectives:
By the end of the semester, students should be able to:

1) Discuss a brief history of sheep evolution, with an emphasis on the origin, history and attributes of modern breeds in the U.S.
2) Develop an annual farm flock production calendar based on the key considerations and goals for each stage of production.
3) Navigate and solve sheep production challenges, using sound husbandry practices, in real-world scenarios.

Attendance:
This course is intended to provide you with a base of knowledge for real-world sheep production. Successful livestock management, by its very nature, requires commitment and regular attention. So, regular attendance is necessary and expected. Attendance will be monitored, and will account for 5 points per lecture or lab session. Tardiness will not be tolerated.
If you anticipate an excused absence, please let me know in advance so that arrangements can be made. Students are responsible for making up any and all work that is missed as the result of absence.

Personal Habits: Please conduct yourself in a professional and respectful manner during lectures and labs. Please disable your cell phones during lecture and lab sessions. If you have additional questions regarding your Rights and Responsibilities or Student Policies, please consult these resources:

http://www.wiu.edu/policies/
http://www.wiu.edu/provost/student/

Academic Dishonesty:
Any violation of the Academic Dishonesty Policy in The Student Handbook will result in automatic failure of this course.

ADA Compliance:
Please let me know of any needs you may have, and accommodations will be made. If you require any special assistance in emergency evacuations, please let me know so that plans can be made for such an event. Please bring these issues to my attention as early as possible in the semester, as I am not legally allowed to inquire about the personal needs of students.

Attention Education Majors:
The changes within the state certification requirements, which go into effect immediately for all of those students who graduate in the spring 2012 and after, you are required to receive a grade of a "C" or better in this course in order to meet these new requirements. With the new university +/- grading system, receiving a "C-" or below will require you to retake this course or find a substitute course to meet School of Agriculture graduation requirements.

Tentative Course Schedule

Jan 14 M Introduction, Terminology, Anatomy
Jan 16 W Sheep Evolution, U.S. Sheep History
Jan 17 Th Week 1 quiz & Lab
Jan 21 M No Class
Jan 23 W U.S. Industry Overview, U.S. Breeds
Jan 24 Th Week 2 quiz & Lab
Jan 28 M Product - Wool
Jan 30 W Lamb & Mutton
Jan 31 Th Week 3 quiz & Lab
Feb 4 M Exam I **Hand Out Scenarios for Lab Final Paper**
Feb 6 W Principles of Sheep Handling/Facilities
Feb 7 Th Week 4 quiz & Lab
Feb 11 M General Diseases and Health concerns
Feb 13  W  Diseases in the Ewe Flock
Feb 14  Th  Week 5 quiz & Lab
Feb 18  M  Diseases of Lambs and Rams
Feb 20  W  Disease Prevention
Feb 21  Th  Week 6 quiz & Lab
Feb 25  M  Exam II
Feb 27  W  Nutritional Requirements of Sheep
Feb 28  Th  Week 7 quiz & Lab
Mar  4  M  Nutritional Requirements of Sheep
Mar  6  W  Regional Feedstuffs and Farm Flock Ration Formulation
Mar  7  Th  Week 8 quiz & Lab
Mar 11  M  No Class
Mar 13  W  No Class
Mar 14  Th  No Class
Mar 18  M  Forages, Pasture Management
Mar 20  W  Safe and effective sheep feeding
Mar 21  Th  Week 9 quiz & Lab
Mar 25  M  Exam III
Mar 27  W  Reproduction in the Ewe
Mar 28  Th  Week 10 quiz & Lab
Apr  1  M  Reproduction in the Ram
Apr  3  W  Hormonal Manipulation of Reproduction
Apr  4  Th  Week 11 quiz & Lab
Apr  8  M  Predation
Apr 10  W  Marketing
Apr 11  Th  Week 12 quiz & Lab
Apr 15  M  Exam IV
Apr 17  W  Production Calendar
Apr 18  Th  Week 13 quiz & Lab
Apr 22  M  Production Calendar
Apr 24  W  Farm Flock Cost/Return Budget
Apr 25  Th  Week 14 quiz & Lab
Apr 29  M  Final Review
May  1  W  Final Review
May  2  Th  Lab Final Paper Due
May  6  M  Final Exam Week
May  8  W
May  9  Th
Grading Scale:

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<th>Score Range</th>
<th>Grade</th>
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<td>90-100</td>
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<td>80-89</td>
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<tr>
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Course Grade:

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**INFORMATION IN THIS SYLLABUS IS SUBJECT TO CHANGE**