



SYLLABUS

ANSC 2523, Poultry Science Fall 2016

Instructor: Dr. Deland Myers
Section # and CRN: P01- ANSC 2523, 11148
P81- ANSC 2523, 12145
Office Location: Agriculture and Business Bldg. # 301
Office Phone: 936-261-2505
Email Address: djmyers@pvamu.edu
Office Hours: Wednesday; 9:00 AM – 12:00 PM
Mode of Instruction: Face to Face Instructional method

Course Location: Agriculture-Business Building 111

Class Days & Times: Lecture: M: 1:00 pm -2:50 pm
Lab: W: 1:00 pm – 2:50 pm

Catalog Description: The course deals with the fundamental principles of poultry production. The student will be taught basic knowledge of the anatomy and physiology of the chick and their relationship to feeding, growing and laying. The courses will also emphasize the inter-relationship to feeding, growing and laying. The courses will also emphasize the inter-relationship between physiological systems and the uniqueness of the chick in comparison to the other farm animals.

Prerequisites: The student should have at least three (3) credit hours in Animal Science. The prerequisite is ANSC 1513.

Co-requisites: None:

Required Texts: Egg and Meat Production by Carmen Parkhurst

Recommended Texts: None

Student Learning Outcomes:

	Upon successful completion of this course, students will be able to:	Program Learning Outcome # Alignment	Core Curriculum Outcome Alignment
1	Increase knowledge on the history and development of the poultry industry.		
2	Know the development of the industry from the backyard operations to the commercial system.		
3	Understand the differences between the anatomy and physiology of the chick and the other farm animals.		
4	Acquire the basic principles of breeding and genetics with special references to poultry.		

5	Understand the basic concepts of incubation, brooding, management practices, processing, and marketing.		
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Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course. *Note: See Program Outcomes in True Outcomes*

Exams – written tests designed to measure knowledge of presented course material

Exercises – written assignments designed to supplement and reinforce course material

Projects – web development assignments designed to measure ability to apply presented course material

Class Participation – daily attendance and participation in class discussions

(instruments will vary slightly depending on the course)

Grading Matrix *(points will vary according to instructor's grading system)*

Instrument	Value (points or percentages)	Total
Value of the first 4 exams	4	60
Value of Class Presentation		10
Assignment/Quizzes		05
Final Exam		25
Total:		100

Grade Determination:

A = 90 – 100 pts;

B = 80 – 89 pts;

C = 70 – 79 pts;

D = 60 – 69 pts;

F = 59 pts or below

Plagiarism is a form of dishonesty and will be treated per the University's misconduct policy

COURSE OUTLINE:

Section 1

Breeds Description and Origin

Beef cattle

Dairy cattle

Swine

Sheep and goats

Horses

EXAM 1

Section 2

Breeds classification, terminology and identification associated with the different livestock-breeds

Definition of:

Bull

Cow-calf

Cow

Steer

Yearling

Feed-lot
Herd

EXAM 2

Section 3

Management practices for the different breeds
Dairy cattle breeds; milk production, uses; situation in Texas
Herd Improvement Association (DHIA)
Lactation curve, udder and common diseases
Prevention methods

EXAM 3

Section 4

Reproduction in process of the different breeds
Differences between male and female reproductive systems
Emphasis in the anatomy and physiology
Reproductive hormones
Role of the pituitary, and hypothalamus

EXAM 4

Section 5

Breeds and carcass evaluation
Live and carcass evaluation
Grades, quality, and stability
Yield grade, marbling, dressing percentage and culability

EXAM 5

Section 6

Nutrition requirement for the different breeds
Emphasis on the different digestive systems
Ruminant vs non-ruminant
Feeding and balancing rations

FINAL EXAM

COURSE OUTLINE:

Unit I.

The Structure of a Modern Poultry Industry
The egg industry
The broiler industry
Associated industries
Worldwide poultry production

The Classification of the Fowl
Physiological classification

Geographical classification
Definition of class, breed, etc.

EXAM 1

Unit 2

Anatomy and Physiology of the Fowl
Skeleton system
Muscular system
Digestive system
Reproductive system
Accessory organs of the digestive system, and the role of enzymes

EXAM 2

Unit 3

Anatomy and Physiology of the Fowl (cont'd)
Respiratory system
Thermo-regulatory controls
Skin
Circulatory
Excretory system

EXAM 3

Unit 4

Anatomy and Physiology of the Fowl (cont'd)
Reproductive system
Endocrine system

EXAM 4

Unit 5

Genetical Characteristics and Determination of the Fowl
Sex determination
Incubation and the factors affecting it
Brooding
Rearing
Management practices
Disease and sanitation

EXAM 5

Unit 6

Housing and Equipment
Feeding and Nutrition

FINAL EXAM

Submission of Assignments:

(if there are any special instructions relating to assignment submissions, they should be discussed here)

Formatting Documents:

Microsoft Word is the standard word processing tool used at PVAMU. If you're using other word processors, be sure to use the "save as" tool and save the document in either the Microsoft Word, Rich-Text, or plain text format.

Exam Policy

Exams should be taken as scheduled. No makeup examinations will be allowed except under documented emergencies (See Student Handbook). *(if there are any other special instructions relating to exams, they should be discussed here)*

Professional Organizations and Journals

(if applicable to your course or program, they should be listed here)

References

(if applicable to your course or program, references should be listed here)

University Rules and Procedures

Disability statement (See Student Handbook):

Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator.

Academic misconduct (See Student Handbook):

You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures.

Forms of academic dishonesty:

1. Cheating: deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations.
2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test.
3. Fabrication: use of invented information or falsified research.
4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else's words, ideas, or data as one's own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one's own work also constitutes plagiarism.

Nonacademic misconduct (See Student Handbook)

The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.

Sexual misconduct (See Student Handbook):

Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

Attendance Policy:

Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

Student Academic Appeals Process

Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.