

WMGT 3381 FALL 2017 CRN# 80421

COLLEGE OF SCIENCES

Course Description

DEPARTMENT: Agricultural and Industrial Sciences

COURSE NUMBER / TITLE: WMGT 3381 – Game Animal Production

INSTRUCTOR: Doug Ullrich, Associate Professor
Office: PIRK Phone: (936)294-1188
Main Agriculture Office Phone: (936)294-1215

MEETING TIME: EVANS & Gibbs Ranch – Wednesday 1:00 – 5:00 PM

TEXT: Lab Manual

COURSE OBJECTIVES:

A study of contemporary issues in agriculture, management of natural resources and urban environments such that biodiversity is maintained. Topics include alternative agricultural practices and resource economics, urban sprawl, animal and plant identification, resource allocation, the ethical and economical considerations of wildlife and fisheries management, habitat alteration and renewal, world bioregions and commercialization of wildlife and plant species. This course focuses on sustainable and profitable management of natural resources.

Objectives:

1. Evaluate farm pond management practices.
2. Evaluate habitat management for white-tailed deer, upland game birds and waterfowl.
3. Examine the principles of fish, white-tailed deer, upland game birds and waterfowl management.
4. Demonstrate skills involving the ecological, economical and aesthetic benefits of natural resources, urban environments and agricultural production economics.
5. Develop an understanding of natural, urban and agricultural resource management and mutually beneficial economic interaction.
6. Recognize the laws, rules, regulations and agencies that work to protect and manage natural resources.
7. Explain the relationships between natural, urban and agricultural resources.
8. Identify and discuss the various animals considered to be game, non-game, exotic, endangered, threatened, protected, predator, pest and nuisance animals and plant species.
9. Discuss habitat alteration, habitat fragmentation and reforestation programs.
10. Examine geography and bioregions in the world, North America and Texas.

COURSE REQUIREMENTS: Each student is expected to participate in class activities and discussions.

Assigned papers are expected to be neat as well as mechanically and grammatically correct. Also, creativity, innovativeness, evidence of thinking and internalization of the subject matter and professionalism exhibited by the student are important. ALL ASSIGNMENTS WILL BE TYPED unless otherwise specified. Assignments will be handed in at the beginning of the class period on the date due. Late assignments will be assessed a 10% penalty.

A MISSED QUIZ CANNOT AND WILL NOT BE MADE UP.

ATTENDANCE POLICY: It is an essential trait of the professional to recognize the necessity of being punctual and prepared. Your future relies not only upon your academic dedication but also to the professionalism you exhibit. DO NOT BE LATE AND DO NOT MISS A CLASS!!! If you miss class for any reason you must meet with the teacher on an individual basis.

Grading System	Points
Attendance 14 days 25 pts each	350
Fish Population Sampling / Tagging [PPT]	25
Riparian Zone Aquatic Plant Identification [PPT]	25
Food Plot [PPT]	25
Deer Aging & Scoring Lab Practicum [IN CLASS]	25
Waterfowl or Upland Game Bird Life Cycle Poster [PPT POSTER]	25
Exotic Animal Presentation [PPT]	25
Wildlife Research Project – Game Cameras	50
EXAM #1	150
EXAM #2	150
EXAM #3	150
Final Exam	300
BONUS – Wildlife Research Poster [50 pts]	
BONUS – Wildlife Guest Speaker Presentation [15 pts]	
BONUS – Attend Ag Wildlife Society Meetings [5 pts @]	
BONUS – Pond Boss Workshops [15 pts @]	
TOTAL	1300

A = +92% B=92-83% C=73-83% D=60-73% F= less than 60%

DATE		TOPIC	ASSIGNMENTS DUE
8/23	1	Syllabus Review and Discuss Assignments Texas Farm Ponds Riparian Zone Management Aquatic Plants READ: Principles of Ecology	
8/30	2	Select Wildlife Research Groups of 3 Set up Game Cameras Fish CENSUS – Gibbs Ranch Meet at Gibbs Ranch	
9/6	3	Fish CENSUS – Gibbs Ranch / Bullion Ranch Meet at Gibbs Ranch	
9/13	4	Fish CENSUS – Sandle Ranch Meet at Walker County Fair Grounds	Aquatic Plant PPT DUE
9/20	5	Wildlife History and Laws Habitats Introduction to Plants READ: Texas Game Animals EXAM #1 Review	Fish Population PPT DUE
9/27	6	EXAM #1 Select: Upland Game Bird & Waterfowl Life Cycle Poster Select: Topics for Exotic Animal Presentation Discuss: Food Plot PPT	
10/4	7	Upland Game and Common Land Bird Identification Quail Management Review – Habitat Assessment – etc.	
10/11	8	IntroDUCKtion to Waterfowl Waterfowl Biology, Breeding & Flyways EXAM #2 Review	
10/12 - 14		Pond Boss VII Conference - BONUS	
10/18	9	EXAM #2 Upland Game Bird & Waterfowl Poster Presentations	Upland Game Bird & Waterfowl Posters DUE
10/25	10	White-tailed Deer - Introduction	
11/1	11	White-tailed Deer White-tailed Deer Aging & Scoring	
11/8	12	Predators and Pests Diseases EXAM #3 Review	Food Plot PPTs DUE
11/15	13	EXAM #3	
11/22		THANKSGIVING HOLIDAY	
11/29	14	Exotic Animal Presentation	Wildlife Population Survey Paper DUE
12/4-7		FINALS WEEK	