Wharton County Junior College

Administrative - Master Syllabus
COVER SHEET

***Purpose**: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.*

Course Title – Wildlife Conservation and Management

Course Prefix and Number – AGRI 2330

Department - Agriculture **Division** – Math & Science

Course Type: (check one)
- ☒ Academic General Education Course (from ACGM – but not in WCJC Core)
- ☐ Academic WCJC Core Course
- ☐ WECM course (This course is a Special Topics or Unique Needs Course: Y☐ or N☐)

Semester Credit Hours # : Lecture hours# : Lab/other hours # 3**:3:0**

Equated Pay hours for course - 3

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

Course Catalog Description – An introductory course which covers the study of practices and ecological principles used in the conservation and management of wildlife resources, with special reference to the wildlife resources of Texas. Topics of study include heritage and history of wildlife management theory and practices which promote wildlife habitats.

Prerequisites/Co requisites – THEA Reading and Writing requirements met

Prepared by Sean Amestoy ***Date*** 11-22-11

Reviewed by department head Gene Bahnsen ***Date*** 11-22-11

Accuracy verified by Division Chair Kevin Dees ***Date*** 11/22/2011

Approved by Dean of Vocational Instruction or Vice President of Instruction
Leigh Ann Collins ***Date*** 11-9-12

I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction):

Lecture topics:

1. Introduction , history of wildlife management
2. Basic ecological principles
3. Population ecology
4. Animal behavior and wildlife management
5. Wildlife food and cover
6. Water and wildlife
7. Wildlife disease
8. Wildlife and farmlands
9. Wildlife and forests
10. Wildlife and rangelands
11. Wetland habitat
12. Consumptive and non-consumptive uses of wildlife
13. Exotic species
14. Endangered species
15. Wildlife economics and politics

II. Course Learning Outcomes

Course Learning Outcome	Method of Assessment
Students will: 1. Obtain an introduction to history and heritage of wildlife conservation and management 2. Obtain a basic understanding of basic ecological principles which demonstrate that wildlife management is applied ecology 3. Demonstrate a basic appreciation for the field of wildlife management and the concept that wildlife populations, man's actions and habitat are interconnected and dependent on one another (with special reference to Texas species) 4. Obtain a basic appreciation for the field of wildlife management as a science where decisions are based on scientific logical answers to ecological problems	1. Lecture and exams. 2. Lecture, exams, and term paper which outlines a Texas wildlife species and how its habitat and man's actions support its populations 3. Writing assignments and literature reviews of primary, peer reviewed relevant research. To complete these writing assignments students should locate and critically review primary literature via online databases and should be made aware of the differences between primary literature and "popular literature" 4. Course assessment shall involve a critical review of these assignments by faculty instructing the course to assure that the curriculum supports these course learning outcomes.

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Wildlife Ecology and Management, 5th edition. 2003. E.G. Bolen and W.L. Robinson. Benjamin Cummings/Prentice Hall, Upper Saddle River, NJ 07458. ISBN 0-13-066250-X

IV. Suggested Course Maximum - 30

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

The lecture room should include sufficient dry erase (or chalk) board for notes and illustrations, a computer with internet access and overhead computer projector, and a traditional overhead projector.

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course

70%: - Average of 4 lecture exams - each may include short answer, essay and/or multiple choice questions
30% - Written assignments which emphasize critical thinking. These written assignments may include research papers relevant to a Texas wildlife topic, critical review of primary literature, written problem solving assignments, written synopsis of field trips, etc…

The grade classifications as outlined in the College Catalog are employed:

A – 90 – 100% Excellent
B – 80 – 89% Good
C – 70 – 79% Average
D – 60 – 69% Poor
F – Below 60% Failure
W – Withdrawn

VII. Curriculum Checklist

☒ - **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed

☐ - **Academic WCJC Core Course**
Attach the Core Curriculum Checklist, including the following:
- Basic Intellectual Competencies
- Perspectives
- Exemplary Educational Objectives

☐ - **WECM Courses**
If needed, revise the Program SCANS Matrix & Competencies Checklist.