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 – Life and Physical Sciences
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

Course Catalog Description - Principles and practices used in the production and improvement of wildlife resources. Aesthetic, ecological, and recreational uses of public and private lands.

Prerequisites/Co-requisites – TSI Reading and Writing requirement met
I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, 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

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
<th>Methods of Assessment</th>
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<td>Upon successful completion of this course, students will:</td>
<td>May include any of the following:</td>
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<tr>
<td>1. Obtain an introduction to history and heritage of wildlife conservation and management</td>
<td>1. Lecture and exams.</td>
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<td>2. Explain basic ecological principles of population dynamics, habitat, succession, and ecosystems.</td>
<td>2. Lecture, exams, and term paper which outlines a Texas wildlife species and how its habitat and man’s actions support its populations</td>
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<td>2. Describe how these ecological principles can be applied to manage wildlife populations and habitats.</td>
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<td>3. Contrast wildlife management strategies for different purposes (i.e. recreation, conservation, and preservation).</td>
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<td>4. Use critical thinking and scientific problem-solving to make informed decisions about wildlife and natural resources management strategies.</td>
<td>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 &quot;popular literature&quot;</td>
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<tr>
<td>5. Discuss the impact of current trends and societal issues on wildlife and increased demands on natural resources.</td>
<td>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.</td>
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</table>
III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.


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.