



Course Prefix/Number/Title: FWLD 121 Introduction to Wildlife & Fisheries Management

Number of Credits: 4

Course Description: Provide a basic understanding of the biological principles involved in the management and study of upland game, waterfowl, big game, furbearers, fisheries, and non-game species.

Pre-/Co-requisites: none

Course Objectives:

- A) To develop a basic methodology of providing sound management plans for a variety of birds, mammals, and fish species
- B) Community and ecosystem management approach to integrated management plans
- C) Develop philosophies for seasonal requirements for resident and migratory species
- D) Develop basic requirements for warm and cold water species of fish

Instructor: Chad Chapman

Office: DCB Nelson Science center 113

Office Hours: by appointment

Phone: 559-540-5978

Email: chad.chapman@dakotacollege.edu

Lecture/Lab Schedule: Lectures will be online M/W/F from 10-10:50 am NSC Rm 126.\* Labs will be on Tuesdays from 10-11:50 am NSC Rm 103.

\*Labs are subject to different times for field based labs

Textbook(s): Wildlife and Natural Resource Management, 4<sup>th</sup> edition, Kevin H. Deal

Course Requirements: Quizzes, Exams, and various assignments

Tentative Course Outline:

- A. A brief history of wildlife management. Landmark legislation. Some successes in managing wildlife.
- B. Population ecology. Food and cover. Animal behavior and wildlife management. Ecosystems and natural communities.
- C. Wildlife diseases. Predators and predation. Ethics of hunting/trapping- a brief historical approach. Wildlife and water. Wetland classification.
- D. Wildlife and soils. Wildlife and farmland. Wildlife and rangelands. Forest management practices.
- E. Exotic wildlife problems and prevention. Nongame and endangered wildlife. Economics of wildlife. Wildlife as a public trust.
- F. Big game biology. Big game species and civilization.
- G. Fisheries management. Freshwater ecology and physical parameters. Management techniques.

H. Law enforcement methodology and techniques.

General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s): 1: Identifies the interrelationships between humans and their environment 2. Demonstrates an understanding of the natural environment

Relationship to Campus Focus:

Classroom Policies: All students will respect the classroom environment which will allow for maximum interaction between students and the professor.

Student Email Policy: Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

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Academic Integrity:

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

Disabilities or Special Needs:

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

Title IX:

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage.