

Casper College Course Syllabus

Date: Fall, 2015

Course Number & Title: ZOO 2450, Principles of Fish and Wildlife Management

Credit Information:

Lecture Hours: 3

Laboratory Hours: 0

Credits: 3

Class Information:

Time: 7:00-9:50 PM

Days: Thursdays

Room: Energy Institute, Room 103

Instructor Information:

Name: Dr. Evert Brown

Office: Energy Institute Room 111

Phone: 307/268-2407 or 307/315-8003

e-mail: ebrown@caspercollege.edu

Office Hours: MW, 6:30-7:00 PM, TBA and by appointment

Course Description: Emphasizes principles of habitat and population biology and management, human dimensions of wildlife management, as well as law and policy. This course provides majors and interested non-majors with an introduction to the ecological and cultural foundations of modern fish and wildlife conservation and management.

Prerequisites: BIOL 1010, or equivalent.

General Objective: Students will gain a general understanding of fisheries and wildlife management.

Specific Objectives: Students should understand

- the history of wildlife and fisheries management in the United States.
- science involved in fisheries and wildlife management.
- approaches to monitoring and manipulating the abundance and growth of animal populations and communities.
- tools used to manage populations.
- career opportunities in these fields.
- role of administration.

- human values and the role of the public.
- current issues in fish and wildlife management.

Methodology: Class discussions, readings, hand-outs, lectures, videos, guest speakers, service learning opportunities, etc...

Evaluation Criteria: Grading: A: 90-100, B: 80-89, C: 70-79, D: 60-69

Daily/Weekly Quizzes – 90%

Service Learning Project Paper – 10%

Required Books (2):

- Bolen, E.G. and W. L. Robinson. 2003. Wildlife ecology and management. 5th Ed. Prentice Hall, Upper Saddle River, NJ.
- Leopold, A. 1949. A Sand County Almanac. Oxford University Press, New York, NY.

Last Date to Change to Audit or Withdraw: November 12, 2015

Student Rights and Responsibilities:

Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Attendance: You are expected to attend every class and are responsible for all lecture materials presented verbally or visually, as well as discussion that occurs during class. There will be no make-up quizzes without instructor approval before the date missed.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Chain of Command: If you have any problems with this class, you should first contact me to attempt to solve the problem. If you are not satisfied with the solution I offer, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately before or after class, or set up an appointment. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining

eligibility for accommodations, and helping students request and use appropriate accommodations.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly.

Principles of Fish and Wildlife Management

Schedule

DATE	TOPIC	TEXT READING	Sand County Almanac
3 Sep	Introductions Values, History	1, 2, 3	
10 Sep	Agencies, Policies, Attitudes	22	January, February, March
17 Sep	Ecosystems	4	April, May, June
24 Sep	Populations	5	July, August, September, October
1 Oct	Behavior	6	November, December
8 Oct	Food & Cover	7	Wisconsin
15 Oct	Diseases	8	Illinois & Iowa, Arizona & New Mexico
22 Oct	Predators	9	Chihuahua & Sonora, Oregon & Utah
29 Oct	Hunting/Fishing	10	Manitoba, Country, A Man's Leisure Time
5 Nov	Wildlife & Water	11	The Round River, Natural History
12 Nov	Soils & Farmlands	12, 13	Wildlife in American Culture, The Deer Swath, Goose Music
19 Nov	Rangelands, Parks, Refuges	14, 16	The Land Ethic
3 Dec	Exotics	18	Wilderness
10 Dec	Non-game & Endangered Species	19	Conservation Esthetic
17 Dec	Final "Exam"		