

**WILDLIFE 322 – TECHNIQUES OF CAPTIVE WILDLIFE MANAGEMENT
SYLLABUS -- SPRING SEMESTER 2024**

INSTRUCTOR: Dr. Shelli Dubay, CNR 325 (346-4178) e-mail: sdubay@uwsp.edu

OFFICE HOURS: Tu and Fri 12 - 1 PM or by appointment.

LECTURE: T 10:00-10:50 AM in 354 TNR
You are expected to come to class prepared to discuss assignments and actively participate in discussions. Absences will lower your grade substantially.

LAB: Fr: 9:00 - 10:50 AM in 320 TNR
Time will be devoted to the design of a captive wildlife facility, field trips, guest speakers and your presentations. Attendance is required.

OBJECTIVES: Acquaint students with design and administration of facilities for housing captive wildlife and techniques of restraining and handling captive animals.

OUTCOMES: Upon completion of this course, students will be able to: 1) Use scientific knowledge to design captive wildlife facilities, 2) Explain how exhibitry has changed over time to better meet needs of people and animals, 3) Determine how to design captive wildlife facilities to meet the needs of the public, 4) Determine how to design exhibits to meet the needs of animals and increase animal welfare, 5) Work as part of a team to design a captive wildlife facility.

TEXTBOOK: Hosey, G., V. Melfi, and S. Pankhurst. 2013. Zoo animals, behavior, management, and welfare, 2nd edition. Oxford University Press, Oxford, United Kingdom, 643 pp.

ATTENDANCE POLICY: Attendance in lab is required and more than 2 unexcused absences in lab will lower your grade. Lab sessions will consist of lectures, talks by invited wildlife professionals, field trips, and work on facility assignments. Two field trips require more than our 2-hour time allotment on Fridays. You are required to attend field trips and you may be expected to attend occasional lectures presented by visiting professionals outside of the regularly scheduled class meeting time. I will provide compensation time by not meeting for the full time during some other periods. Field trips and speakers will be announced as soon as they are scheduled. Material covered in these trips or by the speakers will be covered on exams. Arrangements to make up exams should be made as soon as possible and are the student's responsibility.

GRADING: **Three exams worth 100 points each, a facility design worth 150 points, and participation in class discussions and presentations worth 50 points.** Exams are short answer and essay format with occasional True/False and matching questions. Students are responsible for material covered in lectures, the field trips and reading assignments.

TENTATIVE SCHEDULE

| DATE | TOPIC | READING (H) |
|------------------|---|---------------------------------|
| Jan 23 | Introduction to class and semester project assignment | |
| Jan 26 | Planning, mission statement, meet group | Pgs 37-39 (H) |
| Jan 30 | Zoological Association of America guidelines | |
| Feb 2 | Start mission, organize groups, ZAA guidelines | 1 copy per group |
| Feb 6 | General facility design | Pgs 163-173, (H) |
| Feb 9 | Species Dossiers, group work | Pgs 160-163,189-194,244-249 (H) |
| Feb 13 | People management | Pgs 461-465 (H) |
| Feb 16 | Falconry presentation – Mr. Joe Krumrie | |
| Feb 20 | People management, human-animal interactions | |
| Feb 23 | Exam I | |
| Feb 27 | Evolution of exhibitry | Pgs 13-34, 173-177 (H) |
| Mar 1 | Exhibit signage, education | Pgs 468-474 (H) |
| Mar 5 | Herpetofauna husbandry | |
| Mar 8 | WDNR pheasant production program (Speakers: Mr. Patrick Raab and Mr. Greg Haak, DNR). | |
| Mar 12 | Fish and other aquatics (recorded) | |
| Mar 16 | No class- work on your own | |
| Mar 18-22 | No class – Spring Break | |
| Mar 26 | Restraint and handling | |
| Mar 29 | Exam II through March 24 | |
| Apr 2 | Barriers | Pgs 180-189 (H) |
| Apr 5 | Barriers continued | Pgs 180-189 (H) |
| Apr 9 | Human-animal interactions | Chapter 13 (H) |
| Apr 12 | Final group work meeting – work on your own | |
| Apr 16 | Avian husbandry and incubation | |
| Apr 19 | Research in captive settings | Pgs 496-514 (H) |
| Apr 23 | Semester project presentation, materials due to me | |
| Apr 26 | Raptor rehabilitation (Tour REGI, Antigo) 7:45-noon | |
| April 30 | Semester project presentation | |
| May 3 | Captive crane propagation (Tour ICF – Host: Kyle Tainter) 7:45-2:30 pm | Pgs 305-315, 340-348 (H) |
| May 7 | Semester project presentation | |
| May 10 | Semester project presentation | |
| May 16 | Final Examination (portions cumulative) | Th 10:15 am – 12:15 pm |

NOTE: We will be using Canvas for this course. I will add lectures, notes, etc. to this site.