

**WILDLIFE 322 – TECHNIQUES OF CAPTIVE WILDLIFE MANAGEMENT
SYLLABUS -- SPRING SEMESTER 2021**

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

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

Zoom link for office hours: <https://uwsp.zoom.us/j/9269849384>

LECTURE (asynchronous recordings): T 10:00-10:50 AM

LAB (Synchronously on zoom): Fr: 9:00 - 10:50 AM

Time will be devoted to the design of a captive wildlife facility, one possible field trip, guest speakers and your presentations. You are expected to come to class prepared to discuss assignments and actively participate in discussions. Absences will lower your grade substantially.

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 provide adequate animal welfare, 5) Work as part of a team to design a captive wildlife facility.

READINGS: Sausman, K. 1982. Zoological park and aquarium fundamentals. American Association of Zoological Parks and Aquariums, Wheeling, West Virginia, USA.

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 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, one field trip (if possible), and work on facility assignments. One field trip requires more than our 2-hour time allotment on Fridays. I am hoping that you can attend it! I will provide compensation time by not meeting for the full time during some other periods. The field trip and guest speakers will be announced as soon as they are scheduled. Material covered on the field trip 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 trip and reading assignments.

TENTATIVE SCHEDULE

DATE	TOPIC	READING (S or H)
Jan 26	Introduction to class and semester project assignment	
Jan 29	Facilities planning, organize groups, mission statement	Pgs 37-39 (H), Ch 1,17 (S)
Feb 2	Zoological Association of America guidelines	
Feb 5	Zoological Association of America guidelines	Pdf on Canvas
Feb 9	General facility design	Pgs 163-173, (H), Chapter 4 (S)
Feb 12	Falconry presentation – Mr. Joe Krumrie	
Feb 16	Species Dossiers	Pgs 160-163,189-194,244-249 (H)
Feb 19	People management, group work	Pgs 461-465 (H)
Feb 23	People management, human-animal interactions	
Feb 26	Exam I	
Mar 2	Evolution of exhibitry	Pgs 13-34, 173-177 (H)
Mar 6	Exhibit signage, education	Pgs 468-474 (H), Chapter 15 (S)
Mar 9	Herpetofauna husbandry	Chapters 9, 26 (S), guidelines
Mar 12	WDNR pheasant production program (Speakers: Mr. Patrick Raab and Mr. Greg Haak, DNR).	
Mar 16	Fish and other aquatics	Chapters 10, 11, 27, 28 (S), guidelines
Mar 19	No class – Group work on your own	
Mar 22-26	No class – Spring Break	
Mar 30	Avian husbandry and incubation	Chapters 8, 25 (S), guidelines
Apr 2	Barriers	Pgs 180-189 (H)
Apr 6	Restraint and handling	Pgs 421-423 (H), Several taxonomic chapters (S)
Apr 9	Exam II through 4-2	
Apr 13	Finish restraint and handling	
Apr 16	Final group work meeting – work on your own	
Apr 20	Human-animal interactions	Chapter 13 (H)
Apr 23	Raptor rehabilitation (Tour REGI, Antigo) 9:00-11:00 AM	
Apr 27	Research in captive settings	Pgs 496-514 (H)
Apr 30	Captive crane propagation (Tour ICF – Host: Kyle Tainter) 8:30-2:30	Pgs 305-315, 340-348 (H), Chapter 14 (S)
May 4	Semester project presentation, materials due to me	
May 7	Semester project presentations	
May 11	Semester project presentation	
May 14	Semester project presentation	
May 18	Final Examination cumulative matching section)	Tu 9:00 AM to 9:00 PM

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