

**WILDLIFE 322 – TECHNIQUES OF CAPTIVE WILDLIFE MANAGEMENT  
SYLLABUS -- SPRING SEMESTER 2019**

**INSTRUCTOR:** Dr. Shelli Dubay, CNR 325 (346-4178) e-mail: sdubay@uwsp.edu  
**OFFICE HOURS:** Tu and W 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 359 TNR  
Time will be devoted to the design of a captive wildlife facility, field trips, guest speakers and your presentations.

**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.

**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, 2<sup>nd</sup> 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, 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 (S or H)
Jan 22	Introduction to class and semester project assignment	
Jan 25	Facilities planning, organize groups, mission statement	Pgs 37-39 (H), Ch 1,17 (S)
Jan 29	Zoological Association of America guidelines	
Feb 1	Zoological Association of America guidelines	1 copy per group
Feb 5	General facility design	Pgs 163-173, (H), Chapter 4 (S)
Feb 8	Falconry presentation – <b>Mr. Joe Krumrie</b>	
Feb 12	Species Dossiers	Pgs 160-163,189-194,244-249 (H)
Feb 15	People management, group work	Pgs 461-465 (H)
Feb 19	People management, human-animal interactions	
Feb 22	Exam I	
Feb 26	Evolution of exhibitry	Pgs 13-34, 173-177 (H)
Mar 1	WDNR pheasant production program (Speaker: <b>Mr. Patrick Raab, DNR</b> ).	
Mar 5	Exhibit signage, education	Pgs 468-474 (H), Chapter 15 (S)
Mar 8	Herpetofauna husbandry	Chapters 9, 26 (S), guidelines
Mar 12	Fish and other aquatics	Chapters 10, 11, 27, 28 (S), guidelines
Mar 15	No class – Group work on your own	
<b>Mar 18-22</b>	<b>No class – Spring Break</b>	
Mar 26	Restraint and handling	Pgs 421-423 (H), Several taxonomic chapters (S)
Mar 29	Exam II through March 15	
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	Chapters 8, 25 (S), guidelines
Apr 19	Captive crane propagation (Tour ICF – Host: <b>Kyle Tainter</b> ) <b>8:00-2:30</b>	Pgs 305-315, 340-348 (H), Chapter 14 (S)
Apr 23	Research in captive settings	Pgs 496-514 (H)
Apr 26	Raptor rehabilitation (Tour REGI, Antigo) <b>8:00-noon</b>	
April 30	Semester project presentation, materials due to me	
May 3	Semester project presentation	
May 7	Semester project presentation	
May 10	Semester project presentation	
May 17	Final Examination (portions cumulative)	Th 2:45-4:45 pm

NOTE: We will be using Desire 2 Learn for this course. I will add lectures, notes, etc. to this site.