## WILDLIFE 322 – TECHNIQUES OF CAPTIVE WILDLIFE MANAGEMENT SYLLABUS -- SPRING SEMESTER 2020

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 21 Introduction to class and semester project assignment  Jan 24 Facilities planning, organize groups, mission statement  Jan 28 Zoological Association of America guidelines  Jan 31 Zoological Association of America guidelines  Jan 31 General facility design  Feb 4 General facility design  Feb 7 Falconry presentation – Mr. Joe Krumrie  Feb 11 Species Dossiers  Feb 12 People management, group work  Feb 13 People management, human-animal interactions  Feb 21 Exam I  Feb 25 Evolution of exhibitry  Feb 28 Exhibit signage, education  Mar 3 Herpetofauna husbandry  Mar 30 WDNR pheasant production program (Speakers: Mr. Patrick Raab and Mr. Greg Haak, DNR).  Mar 10 Fish and other aquatics  Mar 13 No class – Group work on your own  Mar 16-20 No class – Spring Break  Mar 24 Restraint and handling  Mar 27 Exam II through March 24  Mar 31 Barriers  Mar 3 Barriers  Mar 3 Barriers continued  Apr 3 Human-animal interactions  Apr 10 Final group work meeting – work on your own  Apr 14 Avian husbandry and incubation  Apr 17 Research in captive settings  Apr 21 Research in captive settings  Apr 22 Research in captive settings  Apr 23 Reptor rehabilitation (Tour REGI, Antigo) 8:00-noon  May 14 Semester project presentation  May 1 Semester project presentation  May 3 Semester project presentation  May 4 Final Examination (portions cumulative)  The 245-4:45 pm		<del>-</del>	
Jan 24Facilities planning, organize groups, mission statementPgs 37-39 (H), Ch 1,17 (S)Jan 28Zoological Association of America guidelines1 copy per groupFeb 4General facility designPgs 163-173, (H), Chapter 4 (S)Feb 7Falconry presentation – Mr. Joe KrumriePgs 160-163,189-194,244-249 (H)Feb 11Species DossiersPgs 160-163,189-194,244-249 (H)Feb 12People management, group workPgs 461-465 (H)Feb 13People management, human-animal interactionsPgs 461-465 (H)Feb 24Exam IPgs 13-34, 173-177 (H)Feb 25Evolution of exhibitryPgs 468-474 (H), Chapter 15 (S)Mar 3Herpetofauna husbandryChapters 9, 26 (S), guidelinesMar 6WDNR pheasant production program (Speakers: Mr. Patrick Raab and Mr. Greg Haak, DNR).Mar 10Fish and other aquaticsChapters 10, 11, 27, 28 (S), guidelinesMar 13No class – Group work on your ownOccupance of the chapters (S)Mar 24Restraint and handlingPgs 421-423 (H), Several taxonomic chapters (S)Mar 31BarriersPgs 180-189 (H)Apr 7Human-animal interactionsPgs 180-189 (H)Apr 10Final group work meeting – work on your ownChapter 13 (H)Apr 14Avian husbandry and incubationChapter 18, 25 (S), guidelinesApr 14Avian husbandry and incubationChapter 18, 25 (S), guidelinesApr 14Avian husbandry and incubationChapters 8, 25 (S), guidelinesApr 12Research in captive settingsPgs 305-315, 340-348 (H),	DATE	TOPIC	READING (S or H)
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Apr 24 Raptor rehabilitation (Tour REGI, Antigo) 8:00-noon April 28 Semester project presentation, materials due to me May 1 Semester project presentation May 5 Semester project presentation May 8 Semester project presentation	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines
April 28 Semester project presentation, materials due to me  May 1 Semester project presentation  May 5 Semester project presentation  May 8 Semester project presentation	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14
May 1Semester project presentationMay 5Semester project presentationMay 8Semester project presentation	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14 Apr 17	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle  Tainter) 8:00-2:30	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14 (S)
May 5 Semester project presentation  May 8 Semester project presentation	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14 Apr 17	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle  Tainter) 8:00-2:30  Research in captive settings	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14 (S)
May 8 Semester project presentation	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14 Apr 17 Apr 21 Apr 24	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle  Tainter) 8:00-2:30  Research in captive settings  Raptor rehabilitation (Tour REGI, Antigo) 8:00-noon	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14 (S)
	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14 Apr 17  Apr 21 Apr 24 April 28	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle  Tainter) 8:00-2:30  Research in captive settings  Raptor rehabilitation (Tour REGI, Antigo) 8:00-noon  Semester project presentation, materials due to me	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14 (S)
May 14 Final Examination (portions cumulative) Th 2:45-4:45 pm	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14 Apr 17  Apr 21 Apr 24 April 28 May 1	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle  Tainter) 8:00-2:30  Research in captive settings  Raptor rehabilitation (Tour REGI, Antigo) 8:00-noon  Semester project presentation, materials due to me  Semester project presentation	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14 (S)
	Mar 27 Mar 31 Apr 3 Apr 7 Apr 10 Apr 14 Apr 17  Apr 21 Apr 24 April 28 May 1 May 5	Exam II through March 24  Barriers  Barriers continued  Human-animal interactions  Final group work meeting – work on your own  Avian husbandry and incubation  Captive crane propagation (Tour ICF – Host: Kyle  Tainter) 8:00-2:30  Research in captive settings  Raptor rehabilitation (Tour REGI, Antigo) 8:00-noon  Semester project presentation, materials due to me  Semester project presentation	chapters (S)  Pgs 180-189 (H)  Pgs 180-189 (H)  Chapter 13 (H)  Chapters 8, 25 (S), guidelines  Pgs 305-315, 340-348 (H), Chapter 14 (S)

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