

CLASS SYLLABUS BIOL 3820 Vertebrate Biology Fall 2014

CLASS TIME: TR 11:00 a.m. - 12:15 p.m.

LABORATORY:

timing, let me know now. Some labs will be in the field and so we will be leaving immediately at 1:00 on Wednesday.

GRADING POLICY: Your grade will be based on a total of 530 points:

400 points from lecture tests (4 tests, 100 points each)

100 points laboratory practical tests (2-3 tests) and assignments

25 point oral report and associated written paper

5 lab participation points

Total: 530 A: (90%) 477-530; B (80%) 424-476; C (70%) 371-423; D (60%) 318-370; F <318

--Lecture tests will be a mixture of multiple choice, short answer, short essay and essay questions. Material covered will be from lecture, reading specifically assigned and lab material. Any complaints about grading must be made within one week of receiving the exam back. No grades will be changed after that time.

--Labs will be a mix of field labs and wet labs. There will be a number of dissections. Grades will be based on lab practicals where questions and identifications will come from the materials covered during lab or specimens observed during field labs.

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Tentative weekly Lecture Schedule sections in book are subject to change

Week of

Aug 18 Introduction to group, origins, hemichordates, urochordates, cephalochordates- Read chapter 1
overview, parts of 2 phylogeny, chapter 4

Aug 25, jawless fishes, chapter 4

Sept 1 cartilaginous fishes, Bony fishes sarcopterygii Chapter 5

Sept 8 Test 1

Sept 15 Bony fishes, Sarcopterygii and Actinopterygii Chapter 5 - handouts

Sept 22 Bony fishes, Sarcopterygii and Actinopterygii Chapter 5 handouts

Sept 29 Tetrapod origins, amphibians chapter 6

Oct 6 Amphibians, Early amniotes chapter 6, 7

Oct 13 Test 2

Oct 20 Leipidosaur

Tentative weekly Laboratory Schedule

Week of

Aug 20 no lab

Aug 27 major advances in animal kingdom, major groups

Sept 3 fishes, dissection, major groups

Sept 10 fish field lab

Sept 17 TBA

Sept 24 herps field lab

Oct 1 frog dissection, herp diversity

Oct 8 – Lab Practical

Oct 15 Reports

Oct 22 Bird diversity, dissection

Oct 29 Lab to Wakulla Springs/St Marks on Nov 1st

Nov 3 bird diversity, dissection

Nov 10 Pig dissection

Nov 17 Pig dissection

Nov 26