

CLASS SYLLABUS BIOL 3250 ECOLOGY AND EVOLUTION FALL 2013

CLASS TIME: Lecture: MW 11:00-11:50 p.m.
Lab Section D: T - 9:00 11:50 a.m.
Lab Section E: T - 2:00 4:50 p.m.
Lab Section F: W - 1:00 3:50 p.m.

INSTRUCTOR: Dr. Colleen McDonough
OFFICE HOURS: M 9:30-10:30 a.m., R 1:30-2:30 p.m. or by appt.
OFFICE: 2086 Bailey Science Center
PHONE: 333-5759 (main office), 333-5764 (my office)
EMAIL: cmcdonou@valdosta.edu

TEXTS: 1) Ecology 6th Edition, by Charles Krebs
Recommended: any introductory evolution text for background information. Most texts cover the same concepts. Reading the material from someone else might aid in understanding these. Editions that are recent but not current are usually inexpensive.

COURSE OBJECTIVES: The objectives of the course are to
--cover evolutionary processes, modes of speciation, and mechanisms of micro- and macroevolution.
--examine biological principles at the organismal, population, community, and ecosystem levels of organization.
-- cover evolutionary and physiological processes that affect abundance and distribution of organisms
-- examine intraspecific and interspecific relationships such as competition and predation.
-- properties of communities and ecosystems such as energy flow and nutrient cycles.
Throughout the course
-- quantitative models are used to identify important variables and
-- principles of conservation are incorporated throughout

Standards

VSU General Education Outcomes on webpage:
(<http://www.valdosta.edu/academic/VSUGeneralEducationOutcomes.shtml>) This course meets outcomes 3., 4., 5. and 7.

Department of Biology Educational Outcomes: This course meets outcomes 1., 2. and 5.

PREREQUISITES (must be completed prior to course): BIOL 1107, 1108, and 3200 with grades of

ATTENDANCE POLICY: Science is an act of doing. Therefore, you cannot get labora12 Tf /8y fro-6(a)4

--**Lab assignments: (135 pts)** You will be having written assignments or quizzes to

let others look at your assignments. Do not let others pressure you into showing them your assignments before class when due. Put them on my desk when entering the classroom. If I write on your paper that your work is too close in content to Joe-work, then consider this a warning and the next time it happens both papers/assignments will g
during a test, he/she has cheated. If a student allows someone to copy from his/her test, he/she has cheated and will be punished. If a student paraphrases another autho

