

**BIOL 6720/6010 STREAM ECOLOGY
SECTION A
FALL SEMESTER 2014
DEPT. OF BIOLOGY;
COLLEGE OF ARTS & SCIENCES;
VALDOSTA STATE UNIV.
CREDIT HOURS: 4**

INSTRUCTOR: Dr. Matthew Waters

OFFICE: BSC 1106

OFFICE HOURS – T/Th 10-11, 2-3:30

PHONE – 333-5760

EMAIL: mwaters@valdosta.edu

LECTURE HOURS: T:R 11-12:15 BSC 1025

LAB HOURS: M 8:30-11:20AM BSC 2073

REQUIRED TEXT: Streams: Their Ecology and Life, Colbert E. Cushing and J. David Allen, ISBN: 0-12-050340-9

COURSE DESCRIPTION: An overview of the stream ecosystem with emphasis on the interaction between abiotic (flow, temperature, carbon, nutrients, habitat) and biotic (fish, macroinvertebrates, microbes, primary producers) factors.**Prerequisites: Acceptance into Graduate School**

COURSE OBJECTIVES/EDUCATIONAL OU

LECTURE EXAMS

I will announce lecture exams AT LEAST A WEEK IN ADVANCE.

Lecture exams will be essay, short answer, and vocabulary definitions. Exams are not strictly comprehensive, although you will need to know the previous material to answer some questions on the future exam(s). Later topics and concepts build on previously discussed material; thus, the course is much like a story that builds on previous chapters.

LABORATORY

Laboratory: Total lab points are converted to the equivalent of 1/4 of lecture exam points (130 points possible). Thus, **lab is worth 25% of your final grade to coincide with a 4 credit hour upper division biology course with lab.** Lecture and lab are **not** separate grades; one grade is given for the course.

Students with Disabilities: Students requiring special classroom accommodations or modifications because of documented disabilities should discuss these needs with the professor at the beginning of the semester. Disabled students not registered with the Access Office for Students with Disabilities should contact the program officer. Phone numbers are listed in the Campus Directory.

Discrimination and Sexual Harassment: No student shall engender or create an atmosphere of discrimination based on race, ethnicity, religious beliefs,