

**BIOL 4010 STREAM ECOLOGY  
SECTION A  
FALL SEMESTER 2012  
DEPT. OF BIOLOGY;  
COLLEGE OF ARTS & SCIENCES;  
VALDOSTA STATE UNIV.  
CREDIT HOURS: 4**

**INSTRUCTOR:** Dr. Matthew Waters

**OFFICE:** BSC 1106

**OFFICE HOURS** – T 10-11, 3:30-4:30, Th 10-11, 3:30-4:30

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**EMAIL:** [mwaters@valdosta.edu](mailto:mwaters@valdosta.edu)

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

**LAB HOURS:** M 9:00-11:50AM    BSC 2073

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

**COURSE DESCRIPTION:** A study of the physical, chemical, and biological aspects of streams and rivers. **Prerequisites: BIOL 1107 and 1108**

**COURSE OBJECTIVES/EDUCATIONAL OUTCOMES:**

Valdosta State University (VSU) Department of Biology educational outcomes for this course include: numbers 1, 2, 3 (in part), and 5. University (VSU) educational outcomes for this course include: numbers 3, 4, 5, 7, and 8.

**TENTATIVE LECTURE SCHEDULE:**

| <b>TOPIC</b>                        | <b>Chapter</b> |
|-------------------------------------|----------------|
| Rivers as Dynamic Physical Entities | 1              |
| Abiotic Factors                     | 2              |
| Energy Resources                    | 3              |
| Algae                               | 12             |
| Higher Plants                       | 13             |



**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.** Lecture and lab are **not** separate grades; one grade is given for the course.

**You must turn off CELL PHONES, PAGERS, or ANY OTHER TYPE OF COMMUNICATION DEVICE BEFORE ENTERING LECTURE AND LAB**  
**Anyone accessing these devices DURING AN EXAM will be given a zero for that exam grade. The student may be subject to further discipline, up to and including, permanent dismissal and failure of the class. There will be no exceptions to the rules stated in this paragraph and the two paragraphs immediately preceding it.**

**Midterm**

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, gender, sexual orientation, or other factors. No student shall sexually harass any individual(s). Discrimination and/or sexual harassment will not be tolerated in the classroom or laboratory.

**Plagiarism:** The Biology Department policy on plagiarism can be accessed via the departmental website. It should be printed, read, and unders