

Ð333-5760

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-

factors.Prerequisites: BIOL 1107, 1108, 3200, 3250

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:

TOPIC	Chapter
Rivers as Dynamic Physical Entities	1
Abiotic Factors	2
Energy Resources	3
Algae	12
Higher Plants	13
Macroinvertebrates	14-17
Feeding roles and Food webs	4
Ecology of Rivers	5
Human Impacts	6
Local Rivers	

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 : More information about laboratory requirements/grading will be given as a separate handout.

COURSE POLICIES

You are expected to attend all lectures and labs, but attendance is not considered in grading policies. If a lecture is missed, you are responsible for obtaining any notes and handouts given that day. Reading of the appropriate lecture chapters and any lab materials should be completed prior to coming to class.

Assigned text material may be on the lecture exams; I will inform you during lecture as to the specific topics, tables, figures, and/or text pages for which you will be responsible.

GRADING POLICIES/ASSESSMENT

Lecture :

A. Three (3) lecture exams will be given during the semester, including the final exam. The final exam will not be strictly comprehensive (as noted earlier). Each exam is worth 100 points. Make-up exams are not an automatic right ; you must notify me within 24 hours of the missed exam, and provide a valid reason , or you will forfeit your opportunity for a make-up. The professor is the final judge of what is an acceptable excuse. You can only make up one exam.

B. We will read multiple articles from the current literature. I will provide a sheet used to assess the student's reading of the papers. These sheets must be turned in at the beginning of the class that the article is discussed and will not be accepted during or after class.

C. Students will be assessed on responses to reflection questions and journal entries maintained throughout the semester. Also, class participation is measured on the student's participation in discussions and small groups question times.

Lecture:	3 Tests (100 points)	300
	Journal reflection papers	50
	Blog/Journal	40
Lecture Total		390

Students with Disabilities: Students requiring special classroom accommodations or modifications because of documented disabilities should