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Marine Biology  
Dr. Theresa Grove ([tjgrove@valdosta.edu](mailto:tjgrove@valdosta.edu))  
Bailey Science Center 1036  
\*MTWR 11:00-12:00 and by appointment.  
M-F 8-10:50 am Bailey 2202

\*There are a few days during Maymester when I have other obligations during office hours, and office hours will be moved or cancelled.

An examination of coastal and oceanic organisms and the factors which structure marine systems. Prerequisites: BIOL 1107 and 1108

During this course, students will:

- Describe the physical characteristics and biodiversity of various marine habitats;
- Identify key components of marine communities and impact on global biogeochemical cycles;
- Predict adaptations of marine organisms based on environmental characteristics;
- Analyze and interpret data examining the factors structuring marine communities;
- Effectively organize, communicate and apply their knowledge of marine biology to their everyday lives.

Textbook: Levinton, J.S. (2018) Marine biology: function, biodiversity, ecology. 5<sup>th</sup>

Facts and vocabulary are important to any discipline, though you are expected to go beyond simple memorization of details and interconnect those facts to concepts, applications and problems; to ask meaningful questions; to test well developed hypotheses; to develop a range of intellectual abilities, including critical thinking, logical argument, appropriate uses of evidence and interpretation of varied kinds of information; and to communicate your understanding in writing and orally to multiple audiences.

Undergraduates: Your final grade will be calculated based on the average of the 4 exams (3 regular exams, 1 final exam). Graduate students: your final grade will be determined by averaging grades earned on the 4 exams and a 5-page paper (100 pts). This paper will be due June 28 (although you can turn it in sooner); more details will be provided on Tuesday, May 21.

Letter grades will be based on the following scale:

- A: 89.5 – 100%
- B: 79.5 – 89.4%
- C: 69.5 – 79.4%
- D: 59.5 – 69.4%
- F: < 59.5%

There are three exams scheduled throughout the term (Thursday, May 23; Thursday, May 30 and Wednesday, June 5). Each will cover the material from the end of the previous exam through the current exam. While exams are not labeled as cumulative, concepts that are connected throughout the course are fair material for exams. The final exam is scheduled during the final exam period of the course (June 7), and it is cumulative. All exams are worth 100 points and will be multiple choice. If you miss an exam, the make-up exam will be essay and short answer questions. No exam grades are dropped.

You are expected to attend all scheduled classes. Attendance and participation will be recorded and used in final grade determination of borderline grades (e.g. a student with a final grade of 79.4 who has attended ever

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