Instructor- Dr. P. Buzas Stephens; Bolin 102A; (940) 397-4448; pamela.stephens@mwsu.edu

Text: Laboratory Exercises in Oceanography, 3rd ed; Pipkin et al.

Exercises:

Aug. 24- Bathymetry; 1
Aug. 31- Marine Charts and Plate Tectonics; 2 & 3; bring compass and protractor
Sept. 7- Geography of the Oceans; 4
Sept. 14- Sea Floor Materials and Temperature and Salinity; 5 & 7
Sept. 21- Port Aransas Field Trip: September 22-25
Sept. 28- Port Aransas specimens
Sept. 28- Port Aransas specimens
Oct. 5- Biological and Sedimentological Core Analysis
Oct. 12- Laboratory midterm
Oct. 19- Plankton, Meiofauna, and Microfauna; Marine Life and Productivity; 16
Oct. 26- Seismic Reflection and Remote Sensing; 6 & 14
Nov. 2- Water masses and Currents; 8 & 9
Nov. 9- Tides and Waves; 10 & 12
Nov. 16- Common Lower Trophic Level Members
Nov. 23- Thanksgiving Break
Nov. 30- Laboratory final

*exercises subject to change

Laboratory policies- Students with 3 or more absences will be dropped from the course.
Please refer to the MSU Student Handbook for policies related to student rights, responsibilities, and activities.

Laboratory grade- 25% of course grade; lab grade consists of midterm (30%), final (30%), and exercises (Port Aransas and Core Analysis Lab Reports, 20% each).

Laboratory Objective- Provide students with practical applications as related to measurement, quantification, and evaluation of physical and biological oceanic processes.