Course Syllabus – Biology 4263 Marine Communities Laboratory
Summer Species Session: July 13 – August 6, 2018
University of Alaska Southeast, Juneau, AK

Lab: 1:00-3:30 MTWThF Location: TBD
Instructor: Dr. William B. Stickle Jr. Cell/Email: (225) 287-0835 zostic@lsu.edu
Teaching Assistant:Hollis Jones Cell/Email: /
Office Hours: Class as assigned by UAS
Communication via Moodle: http://moodle.lsu.edu

Catalog Description: Laboratory experiences in marine communities
Required Textbook: None, handouts will be provided
Evaluation:

	Points
1. Practicals x2 (100 points each)	200
2. Lab Reports x 6 (50 points each including 4 simulation labs)	300
Total =	500

Grading Scale:

Grading Scale
>98 A+
93-97.99 A
90-92.99 A-
87-89.99 B+
83-86.99 B
80-82.99 B-
77-79.99 C+
73-76.99 C
70-72.99 C-
67-69.99 D+
63-66.99 D
60-62.99 D-
<60 F

Students should spend a minimum of two hours outside of the classroom laboratory or field site for every hour in class learning the species covered, reading the literature relative to that laboratory, preparing laboratory reports, and studying for practical exams.

Schedule:	**Subject to change based on tides and conditions**
7/13-15	Marine Birds and Mammals – Observations on the Ferry Waves and Tides – Observations on the Ferry
7/16	Field trip to rocky intertidal zone, identify fauna and macroalgae. **Field trip to Sunshine Cove, low tide -3.5f at 10:21 AM**
7/17	Second Field trip to rocky intertidal zone and run transects. **Field trip to Sunshine Cove, low tide -2.09f at 11:09 AM**
7/18	Tides from tide tables and complete Simulation lab reports analyze zonation of marine algae and animals in rocky intertidal
7/19	Field trip to the Mendenhall Glacier and Plant Succession from the Mendenhall Glacier
7/20	**Field trip to the Alaska State Museum**
7/21	No Lab
7/22	No lab
7/23	**Marine nekton overview and observe commercially important nekton from southeast Alaska- NOAA facility**
7/24	Review zonation of rocky intertidal animals and plants from Sunshine Cove
7/25	Review algal and plant succession from the Mendenhall glacier
7/26	Field trip to the Dipac Salmon Hatchery**; Midterm Practical**

7/27	**Cruise to Tracy Arm Fjord** to observe tidewater glaciers and harbor seals
7/28	**Floatplane trip to Taku inlet to observe Glaciers and have a salmon bake**
7/29	No Lab
7/30	**Whale watching cruise and salmon bake**
7/31	Overview of Observations of the Whale Watching and Tracy Arm Cruises
8/1	Hike to the top of Mount Roberts to observe plant succession
8/2	Review of material for Final Practical
8/3	**Final Practical**

Learning objectives:

1. Gain an understanding of the common species present in the marine communities covered in this laboratory course.
2. Gain an understanding of the key peer reviewed literature pertinent to the common species present in the various marine communities covered in the laboratory exercises.