

ES106 Summer 2015 – Draft 1 Class Schedule (Aug. 12, 2015)

**TENTATIVE COURSE OUTLINE:** This outline should be considered tentative at best. The following schedule may be modified as class ideas evolve throughout the term. Text reading assignments are abbreviated as follows: TL = Tarbuck and Lutgens, 13<sup>th</sup> Edition “Earth Science” Text.

| Learning Module   | Class Week | Class Content  | Reading Assignment (Author / Chapter / Page)                                | Moodle Homework (Practice Quizzes) |
|---|------------|--|---|------------------------------------|
| 1   | Week 1     | Intro to Earth Systems<br>Earth Overview<br>Hydrosphere, Water Cycle | TL Introduction, p. 1-26<br>TL Appendix A, p. 709<br>TL Chap. 5, p. 118-120 | Practice Quiz 1                    |
| 2   | Week 1     | Heat, Chemical Bonds,<br>Chemistry of Water                          | Class Notes,<br>TL Chap. 2, p. 28-33  | Practice Quiz 2                    |
| <b>NO CLASS MONDAY AUGUST 24, 2015: Cyber Monday – Out-of-Class Video Learning Module</b> |            |  |   |                                    |
| 3   | Week 2     | Introduction to Oceanography<br>Physical Oceanography                | TL: Chap. 13<br>TL: Chap. 14, p. 404-410                                    | Practice Quiz 3                    |
| 4   | Week 2     | Dynamic Ocean Processes  | TL: Chap. 15  | Practice Quiz 4                    |
| 6   | Week 2     | Introduction to the Atmosphere<br>Structure of the Atmosphere        | TL: Chap. 16  | Practice Quiz 5                    |
| 7   | Week 3     | Atmospheric Moisture   | TL: Chap. 17  | Practice Quiz 6                    |
| 8   | Week 3     | Air Pressure and Wind  | TL: Chap. 18  | Practice Quiz 7                    |
| 9   | Week 3     | Weather Systems, Storms  | TL: Chap. 19  | Practice Quiz 8                    |

**DAILY CLASS SCHEDULE SUMMER 2015**

Generally, the daily class schedule will follow a work flow that accommodates multi-media lecture, in-class learning activities, lab exercises and practice quizzes. Class begins at 1:00 PM with 1.5 hr of lecture, followed by 1.5 hr lab period, 0.5 hr lecture review, and 1.0 hr of self-paced, open computer lab time for completing online homework and daily practice quizzes. This daily schedule is tentative, and is subject to modification as needed to accomplish class objectives.

**EXAM AND QUIZ SCHEDULE SUMMER 2015**

|                      |                            |
|----------------------|----------------------------|
| Quiz 1 (25 pts)      | Tuesday August 25, 2015    |
| Quiz 2 (25 pts)      | Thursday August 27, 2015   |
| Quiz 3 (25 pts)      | Tuesday September 1, 2015  |
| Final Exam (100 pts) | Thursday September 3, 2015 |