**TCORE 112B – Intro to Science – Plankton to Porpoises**

**Tentative Schedule for Winter 2015.**

***Details of assignments will be posted to Canvas as we proceed!***

Week One: Background to the Puget Sound/Habitats/Environmental Issues

January 6 : Syllabus and Reading Assignment. Puget Sound’s Wildside pages 3- 10; 63 – 73; page 76. Reading Assignment: Orcas, Eagles, and Kings: The Salish Sea. Pages 2- 12. A Sea is Born, Pages 17-29.

Video: Secrets of the Sound. Reflection.

January 8: Instructor at conference so no class. Continue with reading assignment, taking notes for open note quiz

Week Two: Background to the Puget Sound/Habitats/Environmental Issues

January 13: Video: Song of the Salish Sea. Introduction to Puget Sound issues and invasive species assignment.

January 15: Quiz on Puget Sound /Salish Sea reading. This will be open note but no texts. Group or individual work on invasive species presentation.

Week Three: Invasive Species /Begin Mammals

January 20: Invasive species presentations. Begin mammals. Video and reading/presentation assignment.

 January 22: Continue Mammals. Work time for presentations.

Week Four: Mammals

January 27: Mammal Presentations

January 29: Begin Bird Unit. Lecture, species list and assignment

Week Five: Marine Mammals

February 3: Library Research Presentation

February 5: mammals quiz

Bird Presentations/Winged Migration Video/Reflection

Week Six: Coastal and Marine Birds

February 10: Begin Bird Unit. Lecture, species list and assignment

February 12: Library research presentation

Week Seven: Coastal and Marine Birds

February 17: Bird Collection Field Trip, Slater Museum

February 19: No Class: Veterans’ Day Holiday

Week Eight: Coastal and Marine Birds t

Plankton Lecture and Video, *Return of the Plankton.* Reflection in class. Introduction to field trip and assignment, optional walk to boat dock.

February 24:

February 26: Plankton Tow Field Trip from Foss Waterway

Week Nine: Invertebrates

March 3: : Begin invertebrates. Lecture and computer research assignment.

March 5: Invertebrates, cont. Continue computer research assignment.

Week Ten: Fishes

March 10: No Class: Thanksgiving Holiday

March 12: Fishes lecture, species list, and final paper assigned. Work on individual assignments

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December 11: Final paper, fish species profile, due by midnight.