**COMMUNIQUE #9**

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| **Course: Biology Lab** | **Instructor: Robert Vetter** |

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| **Week 33: Unit 6, Ecology-Population****Population**  **A. How populations grow**  **B. Birth/ Death Rate**  **C. Immigration and Emigration**  **D. Environmental factors and limitations**  **E. How populations evolve** **F. Human growth rate** **Suggested Home Study: Research populations as they relate to the field of ecology. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 34: Unit 6, Ecology- The Environment****The Environment**  **A. Climate Change: The Ozone Layer and the Greenhouse Effect** **B. Human Activity: pollution and loss of resources**  **C. Nonnative Species**  **D. Endangered Species/ Extinction**  **E. Conservation** **Suggested Home Study: Research environmental concerns and possible solutions. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 35: Unit 7, Physiology- Introduction to Body Structure****Introduction to Body Structure**  **A. Body Organization**  **B. Providing oxygen and nutrients: circulatory, respiratory, digestive systems** **C. Removing toxic waste: respiratory, excretory systems**  **D. Laboratory: Comparative Anatomy of Invertebrate and Vertebrates****Suggested Home Study: Research body structures including circulatory, respiratory, and digestive systems. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 36: Unit 7, Physiology-The Nervous System****The Nervous System**  **A. Neurons and Nerve Impulses**  **B. Structures of the Nervous System**  **C. Sensory Systems**  **D. Laboratory: How Sensitive is My Skin?****Suggested Home Study: Research the nervous system. Read corresponding material in your text book or find online resources that align with the topic at hand.** |