

BIOLOGY 3671 - EVOLUTIONARY CONCEPTS**Topic 2: MECHANICS I****Chance**

Mutation
Drift
Migration

Systematic Change

Hardy-Weinberg Equilibrium
Non-random Mating
Adaptive Evolution
Fitness
Absolute vs Relative Fitness
Adaptive (selection) Coefficient

Tutorial 2: Think clearly, manage time, and allocate resources.

Unpack the theme. What key questions must be answered? Prioritize those questions. Write a thorough outline of the problem and a rigorous timeline. Submit copies of each to your GA. Allocate duties on finding resources.

At the end of the tutorial, select one of the following terms describing your self-assessment on this task (exceptional, outstanding, very strong, strong, moderate, insufficient). Do the same for your study group as a whole. Submit both 'scores' and a brief justification to your GA before leaving. During the tutorial, answer the following questions:

What is the key question (then write it out clearly and succinctly)?

What do we need to learn (and make a list)?

What resources do we need (and make a list)?

When will we do what (write it out and distribute)?

Who does what when (make a list)?

Required Reading:

Morris and Lundberg 2011: Chapter 2: 13-24.