

Required Materials:

- 1) Benjamin A. Pierce. *Genetics Essentials: Concepts & Connections*. 2010. 1st Ed. W.H. Freeman & Company. ISBN-13 # 978-1-4292-3040-7
- 2) Jung H. Choi & Mark E. McCallum. *Solutions & Problem-Solving Manual for Genetics Essentials: Concepts & Connections*. 2010. 1st Ed. W.H. Freeman & Company. ISBN-13 # 978-1-4292-4728-3
- 3) Response Card NXT Clicker (Turning Technologies), ISBN# 9781934931455

Optional Materials:

The Talking Glossary of Genetics @ the National Human Genome Research Institute (NIH):
<http://www.genome.gov/Glossary>

Graded Course Components: Your final grade will be based on your performance and participation on lecture exams, three homework problem sets, clicker based participation, and final exam (see grade calculation & distribution below). There are no make-up or late assignments accepted.

Three Lecture Exams & Final (each 20%, up to 60%): Students will be tested on their comprehension or application of **1)** lecture/reading material, **2)** listed textbook chapter: comprehension, application & challenge questions, and **3)** assigned homework problem sets on each exam (below). There are three Lecture Exams (20% each) & one cumulative Final Exam (20%). The lowest exam score will be dropped. All exams questions will pertain to the order of course material as it is presented chronologically. Questions will be in the form of Scantron but recorded through your student Clicker. Typical format includes multiple choices, true/false, and problem solving. Students must bring their student ID card, and must clearly write their name, student ID, and each chosen answer on their original exam copy. This exam copy must be returned to the instructors after each exam and serves as the final basis for exam grading if the Clicker should fail to work. Also, the original student exam may be available for review during TBD office hours with the graduate assistant to be discussed in lecture.

Homework Problem Sets (20%): Three homework problem sets posted on BlazeView and due prior to each respective exam (1, 2, 3, etc.). Instructions and point values are included. It is the student's responsibility to download, print, complete and turn in each homework set in **LECTURE ONLY** (see schedule below). Students are encouraged to hand in homework sets early to the instructor or graduate assistant before the due date. However, late homework problem sets will not be accepted and recorded as zero.

Clicker Participation (20%): Clicker questions will be presented during lecture and scores posted on the course BlazeView Grade book. It is highly recommended you attend and participate to obtain this credit toward your final grade. There are no make-ups for clicker questions and any issues regarding the use and grade therein must be addressed to the graduate assistant. Please read and complete the *Clicker Student Use Acknowledgement* below.

Important Due Dates for Graded Course Components:

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| 1. Problem Set # 1 | September 6, 2011 |
| 2. Lecture Exam # 1 | September 18, 2011 |
| 3. Problem Set # 2 | October 11, 2011 |
| 4. Lecture Exam # 2 | October 23, 2011 |
| 5. Problem Set # 3 | November 15, 2011 |
| 6. Lecture Exam # 3 | November 27, 2011 |
| 7. Final Exam | December 6, 2011 |

Notes on grading & studying:

