

BIOL 3200, Introductory Genetics
Spring Semester 2020, Section A (CRN# 21979, 3 Credit hours)

Optional Materials:

Jung H. Choi & Mark E. McCallum. *Solutions & Problem-Solving Manual for Genetics Essentials: Concepts & Connections*. 2016. 3rd Ed. W.H. Freeman & Company. ISBN-13 # 978-1-3190-2046-0. **Note:** Some problems are provided solutions in the back of the main text. This solutions manual describes how to solve all assigned practice problems in great detail so is recommended.

The Talking Glossary of Genetics @ the National Human Genome Research Institute (NIH):

<http://www.genome.gov/Glossary> Great resource for learning Genetic terms and definitions.

A common genetics vocabulary list provided on Blazeview by your instructor.

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

Three Lecture Exams & Final (each 25%, up to 75%): 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** prior to each exam (below). There are three Lecture Exams (25% each) & one cumulative Final Exam (25%). 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. Typical format includes multiple choice, true/false, and problem solving. Students must bring their student ID card, and must clearly write their name, student ID, given ID number (TBA in class), 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 record for exam grading. If time allows, your instructor may provide post-exam reviews in lecture.

Homework Problem Sets (15%): Three homework problem sets will be posted on BlazeView and due prior to each respective Unit/Exam (1, 2, 3, etc.) so that I can grade and review. Instructions and point values are included. It is the **LECTURE ONLY** (see schedule below). Students are encouraged to hand in homework sets early to the instructor or graduate assistant (if available) before the due date. However, late homework problem sets will not be accepted and recorded as zero.

BlazeView Quizzes (10%): Quiz questions related to topics covered in lecture are posted each week on the course BlazeView website across 10 quizzes (each 1% overall grade). Quizzes are open from Start of Semester to scheduled lecture date at 3:30 pm **BEFORE** I cover the chapter topics (see schedule below & BlazeView course site calendar). Therefore, please read the material and attempt the quiz up to three times prior to joining me for lecture. No extensions or make-up quizzes are allowed.

Important Due Dates for Graded Course Components:

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|---------------------|-------------------|
| 1. Problem Set # 1 | February 06, 2020 |
| 2. Lecture Exam # 1 | February 13, 2020 |
| 3. Problem Set # 2 | March 05, 2020 |
| 4. Lecture Exam # 2 | March 24, 2020 |
| 5. Problem Set # 3 | April 14, 2020 |
| 6. Lecture Exam # 3 | April 28, 2020 |
| 7. Final Exam | May 08, 2020 |

Grade Calculation & Distribution: Final grades will be based on the cumulative of homework, clicker participation, and exams. **NOTE: the lowest EXAM grade will be**

