

# **Class Schedule (Subject to change)**

## **Genetics 382 – Fall 2020**

1. Assignments for week of September 7<sup>th</sup>, 2020 – Binomial distributions.
  - a. Assessment 01 (Not Graded).
  - b. Lab Manual 01.
  - c. Discussion Forum.
  - d. Lecture Slide Questions.
  - e. Homework Assignment.
    - i. Note: you have until Friday, Sept 11<sup>th</sup> to complete this assignment.
2. Assignments for week of September 11<sup>th</sup>, 2020 – Monogenic (Mendelian) Traits.
  - a. Lab Manual 02.
  - b. Timed Quiz - Chapters 01 and 02.
  - c. Discussion Forum.
  - d. Lecture Slide Questions.
  - e. Homework Assignment.
3. Assignments for week of September 18<sup>th</sup>, 2020 – Virtual Fly Crosses.
  - a. Lab Manual 03.
  - b. Discussion Forum.
  - c. Lecture Slide Questions.
  - d. Homework Assignment.
4. Assignments for week of September 25<sup>th</sup>, 2020 – Linkage and Recombination.
  - a. Lab Manual 04.
  - b. Timed Quiz - Chapters 03 and 04.
  - c. Discussion Forum.
  - d. Lecture Slide Questions.
  - e. Lab Report 01.
5. Assignments for week of October 2<sup>nd</sup>, 2020 – Hardy Weinberg Equilibrium and Sickle Cell Anemia.

- a. Lab Manual 05.
  - b. Discussion Forum.
  - c. Lecture Slide Questions.
  - d. Homework Assignment.
6. Assignments for week of October 9<sup>th</sup>, 2020 – Quantitative Traits.
  - a. Lab Manual 06.
  - b. Timed Quiz - Chapters 05 and 06.
  - c. Discussion Forum.
  - d. Lecture Slide Questions.
7. Assignments for week of October 16<sup>th</sup>, 2020 – Epistasis.
  - a. Lab Manual 07.
  - b. Discussion Forum.
  - c. Lecture Slide Questions.
  - d. Lab Report 02.
  - e. Homework Assignment.
    - i. Given the type of material taught in Lab 07 this homework is a quiz.
8. Assignments for week of October 23<sup>rd</sup>, 2020 – Evolutionary Flowers and Trees.
  - a. Assessment 02 (Not Graded).
  - b. Lab Manual 08.
  - c. Timed Quiz - Chapters 07 and 08.
  - d. Discussion Forum.
  - e. Lecture Slide Questions.
9. Assignments for week of October 30<sup>th</sup>, 2020 – Introduction to Bioinformatics.
  - a. Lab Manual 09.
  - b. Discussion Forum.
  - c. Lecture Slide Questions.
  - d. Homework Assignment.
10. Assignments for week of November 6<sup>th</sup>, 2020 – Reduced Penetrance.
  - a. Lab Manual 10.

- b. Timed Quiz - Chapters 09 and 10.
  - c. Discussion Forum.
  - d. Lecture Slide Questions.
  - e. Homework Assignment.
    - i. Given the type of material taught in Lab 10 this homework is a quiz.
11. Assignments for week of November 13<sup>th</sup>, 2020 – Genome-Wide Association Studies.
- a. Lab Manual 11.
  - b. Discussion Forum.
  - c. Lecture Slide Questions.
  - d. Homework Assignment.
12. Assignments for week of November 20<sup>th</sup>, 2020.
- a. No assignments – Thanksgiving Break.
13. Assignments for week of November 30<sup>th</sup>, 2020.
- a. Final exam.
    - i. Students will have one week (from Monday to Monday) to complete the final.

**NOTE - INDIVIDUAL FINAL GRADES WILL NOT BE REPORTED UNTIL:**

- a. ALL FINAL QUIZZES FOR ALL SECTIONS ARE COMPLETED AND ALL GRADINGS ARE PERFORMED;
- b. ALL COURSE EVALUATIONS ARE SUBMITTED.