

Genetics 447:380
Dr. Mai Soliman
Fall 2020

This course is intended to provide you with a thorough review of Genetics. This includes the terms, concepts, theories, and technologies that are pertinent to Genetics, as well as some of the ways in which we use genetic principles in research and medicine. Our level of analysis will range from molecular biology to population genetics, touching on many points in between. We will discuss genetics as it pertains to all life forms, but we will focus primarily on eukaryotic organisms.

Due to the COVID crisis, all Fall 2020 courses have been converted to online format. This course will use primarily “**asynchronous remote instruction**”. The course will be hosted on the Rutgers Canvas learning management system. Once logged into Canvas, you will be able to access your textbook, recorded lectures, homework assignments, weekly recitations, exams/quizzes and conferences.

On Canvas, your weekly assignments will be posted every Saturday with an updated “**Weekly agenda**”. You will have from the Saturday the material is posted until the following Saturday to complete all the assignments. Weekly assignments include listening to lecture recordings and answering associated questions, completing the weekly interactive homework assignments, and submitting the recitation problem set. Your agenda will also include all the weekly meetings for the course. These meetings include office hours and recitations. While these meetings are not required, they are strongly encouraged and provide an outlet to ask questions and engage with myself and the TA.

There will be 3 **exams** during the course of the semester. These exams are taken in Canvas using LockDown Browser. Exam are given during the normal scheduled class time (Monday or Thursday 8:10 am – 9:30 am). I will be available during the exams to assist with any technical issues. Short weekly quizzes will also be given on Canvas. The weekly quizzes, homework assignments, and recitation will provide you with the opportunity to apply your understanding of the material. This will pay off during the exam.

Required Technology: High speed internet, computer, calculator.

Optional Technology: webcam, microphone, printer.