

Project Description & Timeline

Course: Genetics of Bacteria

Description: For this Honors contract project, I will be working with Dr. Theresa Ho to study bacteriophage in the context of bacterial genetics. Specifically, I will work to isolate the K1 bacteriophage and then isolate mutant E. coli bacteria which are resistant to the K1 phage. To accomplish this, I will utilize procedures previously performed in this lab class. This project will be an extension of previously learned lab techniques and will help deepen my understanding of the field of bacterial genetics. Upon completion of this project, I will create a written reflection of my work. This reflection will provide a distinct explanation of how this work related to the course learning objectives and the specific ways in which it broadened my knowledge.

Timeline: This project will take place over the course of this spring semester. During the months of February and March, I will isolate K1 bacteriophage and mutant E. coli under the guidance of Dr. T. Following this, in April I will work on assembling a written reflection of my experience. I will then submit this to Dr. T for review and further discussion of my work.

Project Description & Timeline

Course: Methods & Materials for Teaching Music

Description: At the end of the semester, the regular class will complete a music and arts integration assignment that has us detail a lesson plan that follows one of the core subjects and implements a musical component. Along with this final project, as part of my honors contract I will be going further and doing 3 other lesson plans from the core subjects, so throughout the semester I will end up with a total of 4 lesson plans that integrate music into each core content area: math, english, social studies and science. This is separate from already existing coursework in that I will be looking at all core subject areas and creating 4 lesson plans for each area, instead of just focusing on one.

Timeline: I will have the remainder of the semester to work on my lesson plans, and will continually check in with my professor as questions and topics arise. We will work together to create a system so that we can assess my progress as I work on my core subject music integration lesson plans.

Project Description & Timeline

Course: Social justice & US Social Welfare in the US

Description: After reading The New Jim Crow by Michelle Alexander, I will write a paper that summarizes the book as well as one that reflects my own thoughts, emotions, and experiences during this novel. The minimum number of pages should not be set, but rather graded on how satisfactory this paper is at connecting my thoughts and opinions to Michelle Alexanders.

Timeline: The book should be done by mid-March, and the paper will be done by the end of the third week of April.