

ADVANCED PLACEMENT BIOLOGY
Mr. Sprague

Requirements for Post-Exam Seminar
May 9–June 12, 2017

1. Participation in Laboratory Exercises and Class Discussions

Please expect a full instructional program of laboratory work and class discussions through the last day of the semester. You should continue to be present and on time each day, submit the assignments below by the deadlines announced in class, be prepared to work, and keep cell phones out of sight.

2. Final Paper

Lab teams will cooperatively write a formal laboratory report on one of the experiments conducted in class. Each student is responsible for (1) writing one or two sections of the paper and (2) combining, reading, and editing the full final paper before submission.

Detailed guidelines with the assignment description and rubric will be provided.

3. Final Presentation

Each lab team will select a life science topic and prepare a 20–25 minute presentation designed to engage the class in a thoughtful, interesting discussion of the topic.

All members of the lab team must be in class and prepared on the day they are schedule to present. Presenters are required to prepare a written lesson plan, which must be submitted on the day of the presentation. The following elements should be included in the lesson plan:

- **Aim:** Write an overarching “how” or “why” question that will be answered by the end of the presentation; this should be posted on the board at the start of your presentation.
- **Objectives:** List all the content and skills that the class should to be able to demonstrate by the end of your presentation.
- **Motivation:** Carefully plan out how you will make the topic interesting and relevant to students.
- **Outline:** Write out a detailed plan of what will happen in your presentation over the course of the time slot. Be sure to indicate which team member is responsible for each segment of the presentation.
Suggestion: To help keep students engaged, you will probably want to ask some questions to the class; I find it very helpful to write down the exact phrasing of the questions that will be asking in my lesson plans.
- **Summary:** Find a way to sum up the main point of your presentation, being sure that it is clear to the class how you addressed the aim question. You are encouraged to do this in a way that involves as many students as possible.