

ACE Assignment Analysis – BIOL 1106-1L4

## Syllabus

Click on the syllabus below to review your assignments for BIOL 1106-1L4.

- <https://info.tamtu.edu/courseslist.aspx>

## Course Assignments

Review the important assignments in this course below.

<b>Important Assignments:</b>
<b>Assignment Name:</b>
<b>Hypothesis and Experimental Design</b>
<b>Final Paper Due</b>
<b>Presentation Outlines Due</b>
<b>Group Presentations</b>
<b>Lab Practical</b>

## Assignment Tasks

Follow these to complete your course assignments. Each assignment is broken down into manageable tasks. Take note of the recommended time spent to complete each task on time.

- **Hypothesis and Experimental Design:**
  - Follow the steps of the Scientific Method as indicated in your lab manual to locate a problem (2 hrs.)
  - Research the problem you will be discussing using the [TAMU Library website](#) (2-4 hrs.)
  - Create a web chart to start brainstorming Experiment Ideas (2 hrs.)
  - Using your web chart, outline your experiment ideas (2 hrs.)
  - Finalize your experiment idea and begin to draft your procedure (3 hrs.)
  - Develop a hypothesis and a null hypothesis for your experiment (2 hrs.)
  - Submit your finalized hypothesis and experimental design! (1 hr.)
- **Final Paper:**
  - Choose your research topic (3 hrs.)



## ACADEMIC CENTER FOR EXCELLENCE

- Review previous laboratory experiments to gain ideas for your topic. List the topics that interest you.
  - Choose an exciting/interesting biology topic that will engage your reader.
    - Meet with your professor for approval of your chosen topic.
  - Search for peer-reviewed research papers and resources from credible sources: (4 hrs.)
    - [TAMU Library website](#)
    - [Google Scholar](#)
  - Create your reference page based on the citation format designated by your professor: (1-2 hrs.)
    - Check out our [ACE website](#) for resources for citation formats.
  - Develop a rough draft for your final paper (2-4 hrs.)
    - Book a [tutoring appointment at ACE](#) to review your draft (5 min.)
  - Revise your draft based on the recommendations provided by the tutor (2 hrs.)
    - Schedule a follow-up tutoring appointment with ACE to look over the final draft (2 min.)
  - Finalize your paper based on the recommendations provided by the tutor (2 hrs.)
  - Submit your finalized paper to your designated course drop box. (10 min.)
- **Presentation Outlines:**
    - Draft your presentation topic according to requirements given by your professor (2 hrs.)
      - Research your topic using the [TAMU Library website](#). (2-4 hrs.)
      - If your presentation is a group project: Assign tasks and task deadlines for each team member (3 hrs.)
    - Write a draft of your presentation outline (4 hrs.)
      - Your outline should contain the same information as your presentation.
      - Book a [tutoring appointment at ACE](#) to go over the draft (5 min.)
    - Revise your draft based on the recommendations provided by the tutor (2 hrs.)
      - Book a follow-up tutoring appointment with ACE to review the final draft. (2 min.)
    - Finalize your outline based on the recommendations provided by the tutor (2 hrs.)
    - Submit your finalized presentation outline to your designated course drop box. (10 min.)
  - **Lab Practical:**
    - Study all quizzes, laboratory experiments (including outcomes), and assignments (4-5 hrs.)
    - Exam day: (3-4 hrs.)
      - Be on time and prepared.

**Task Scheduler**

Use this section to schedule when and how you will complete your assignment tasks. Include what the outcome of the task was. You should not move on to the next task until the previous task is completed. Stick to your schedule.

Review the example below and then create your own task schedule.

Task: Complete research for final paper

Time Needed	Step	Outcome
2 hours	Search for articles on TAMIU Library website.	Spent 1.5 hours researching; found 10 articles that could be used.
1 hour	Make a list of which will be used for research paper.	Chose 5 articles for paper.

Task: \_\_\_\_\_

Time Needed	Step	Outcome

**Disclaimer:** Please use this document as a supplemental resource. You must follow class instructions and expectations set by your professor. This handout does not substitute your class nor does it cover the entire syllabus or course.