

## Syllabus

Click on the syllabus below to review your assignments for PHYS 2325-101.

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

## Course Assignments

Review the important assignments in this course below.

- **PowerPoint Proposal**
  - APA Formatting, minimum 3 references, one overall topic of discussion, 1 paragraph long
- **PowerPoint Presentation**
  - Based off the proposal, split into 4 sections of Intro, Body, Conclusion, and References. Minimum of 10 slides (not counting the title and references slides). Presentation should be 10 minutes long minimum.

## 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.

- **Proposal**
  - Find an experiment or observed evidence (can be from the past or presently) that has helped the advancement of physics.
    - Begin brainstorming at least 2 weeks before the due date.
    - Use the [TAMU Library](#) to search for physics experiments, engineering disasters and experiments, or studies with motion involved.
    - Pick a topic for your proposal. This should take 1-2 days.
  - Select 2 sources that support the reasoning, conclusions, or math used in your experiment.
    - One source can be your textbook: review the chapter(s) used in your experiment (i.e. Chapter 3 for Free Fall experiments).
    - One source can be where you found your specific topic (i.e. the newspaper article you found it in, the article with the experiment, a textbook with the event in detail, etc.).
    - One source can be a journal article with a similar problem or experiment.
      - It can also be a journal article that uses the same theory or principle that your main topic uses.
    - You need a minimum of 2 sources, so you choose anywhere from 4 – 6 courses to give you options. They can all be journal articles if need be.



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- Finding these sources should take an additional 1-2 days but can be done as soon as a topic is chosen.
- Work on your proposal draft.
  - The proposal is only a paragraph, but it should be convincing, have proper grammar, and give an idea of what your presentation will discuss.
    - Consider scheduling a writing appointment at [ACE Academic Support](#) (can be done so up to 2 weeks in advance, a month with the [ACE Priority Program](#)).
    - Write at least half a page for your paragraph.
      - Have 1-2 sentences for introducing your topic.
      - 1-2 explaining how it changed our understanding of physics.
      - 1-2 mentioning if there is any research on the topic (your sources, such as “there are articles that support...” or such).
      - Create a thesis statement, so you know what to center your presentation about.
      - Take 1-2 days to draft and revise your proposal.
- **PowerPoint Presentation**
  - The title and references slides do not count, so you should have, at minimum, 12 slides.
  - Take 1-2 weeks to prepare and revise your presentation.
  - Consider how you want to divide your slides.
    - For Introduction: Will you need 1 or 2 slides?
      - Have space to discuss details like background, time period, the author(s) or scientist(s), what the experiment is, and mentioning a sentence about what part of physics it influenced.
    - For Body: Will you need 5 slides? More?
      - Consider how you want to tackle this for organization.
        - Do you want to go in order of your sources?
        - Do you want to go in order of most to least information?
        - Do you want to go in order of least to most information?
      - This section will take the longest time to fill out, use 3-4 days as necessary with 2-3 slides a day.

### 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.