

ASTR 578: Assignment 4 Part A & B

Part A: Abstract

DUE : Feb 10th 2022 by **NOON**

FORMAT: Email a word doc to astr573besla@gmail.com

SUBJECT HEADING: Assignment 4 Part A

FILENAME: LastName_Assignment4_PartA

Answer the following 3 components:

- 1) State “the problem” concisely.
- 2) Determine a talk title that is connected to “the problem”
- 3) Construct the first half of a talk abstract following the below structure to set the stage for your proposal.
 - Introduce at least one Fact
 - One sentence for the Problem – this is set up by the Facts
 - State the Proposed Solution: “In this talk I will discuss a strategy to solve *the problem* using *Observatory/Data/Simulations*...” I.e. “we propose”
 - o If you don’t know the solution yet, you can write a few ideas down and we can build from there in class.
 - o These Sites can help you figure out what you want to propose for:
 - JWST: <https://webb.nasa.gov/content/science/index.html>
 - HST: <https://www.stsci.edu/hst/about/key-science-themes>
 - Bonus: Future Outlook/Broader Impact: End with a sentence about importance of solution broadly to future studies.

Part B: Presentation

Schedule:

Feb 10th and 15th: In class preparation (chance to ask questions get advice).

Feb 17th: Hayden, Haley, Jeniveve, Lily

Feb 22nd: Vivian, Xiangyu, Sophie, Matthew

March 1st or 3rd: Claire, Sam, Michael, Shiloe

5-10 minutes + 5 min discussion

Turn your abstract into a 4-5 slide presentation:

- 1) Title Slide – spend at least 1-2 minutes setting the stage
- 2) Fact
- 3) Problem
- 4) Proposed Solution (This will turn into the “we propose”)
- 5) Bonus: Broader Impacts/Future Outlooks

Grading Criteria: (20% of final grade)

- Follow the Structure Outlined Above
- Intro Slide and Introduction to set the stage.
- Quality of Presentation – clarity of slides & oral presentation
- Quality of the Narrative – was the argument/structure clearly laid out?
- Participation (asking **at least 3** questions to others)