

Assignment 7: Section 1

DUE Mar 31st by 5 PM. This assignment will not be graded

(email word doc to astr578besla@gmail.com, LastName_Assignment7.pdf, Subject: Assignment7)

Using the edited version of the abstract you created for Assignment 2 (including my comments), create a “Section 1” component for an HST/JWST-style proposal.

GUIDELINES:

- Use a descriptive heading (not “intro”/ “background”) that alludes to the subfield or problem associated with the “Target”
- 1-2 paragraphs: Facts
 - Explain/Justify “the Facts” stated in abstract. Aim for one “fact” per paragraph, follow the "Conclusion, Supporting Facts, Nuanced Conclusion" model.
 - Explain the importance of “the Fact” to the subfield at the end of each paragraph (Nuanced Conclusion)
- 1 paragraph: the Problem
 - Introduce the “Problem” → USE “However. ...”
 - Explain why the “Problem” is important and *critical* to solve *now*.
- Last (1-2) paragraph(s): Summary
 - State the GOAL (“key component” is the observations/code development etc.)
→ USE “We propose ...” . Underline this.
 - Justify why you’re applying for **this specific** instrument/facility : E.g. connect to the instrument specs/needs to be done from space/**key science goals** of HST/JWST
 - JWST: <https://webb.nasa.gov/content/science/index.html>
 - HST: <https://www.stsci.edu/hst/about/key-science-themes>
 - State a *brief* summary of the strategy to generate/use the “key component” and the “target” to solve the problem
 - State the importance of the solution to the subfield.
 - End with a Big picture statement/broader importance to other fields and/or legacy value to the observatory/funding agency/facility.

Add underlining or bold face for emphasis. Use qualifiers to convey urgency and importance of the product.

Must include at least 2 references. Include a bibliography (bibliography can be on a different page)

Less than one page, Times New Roman font, 12 pt. Double check your grammar.

Follow Dual Anonymous Standards.