

Assignment 3: ASTR/PTY 578

Mock Section 1

DUE : Feb 5 2026 by 12 PM

FILENAME: LastName_Assignment3 (Word doc)

Using your preferred version of the abstract you created for Assignment 2, create a "Section 1" component for an HST/JWST-style proposal.

Instructions:

- Use a descriptive section heading (not “intro”/ “background”) that alludes to the subfield or problem associated with the “Target”
- 1 paragraph: The Fact
 - Explain/Justify “the Fact” stated in abstract.
 - Follow the “Conclusion, Supporting Facts, Nuanced Conclusion” model for the paragraph.
 - Explain the importance of “the Fact” to the subfield at the end of the paragraph (Nuanced Conclusion)
- 1 paragraph: The Problem
 - Introduce the “Problem” → USE “However...”
 - End with an explanation for why the “Problem” is important and *critical* to solve *now*.
- Last (1-2) paragraph(s): Summary
 - State the GOAL (“key component” that solves the problem, i.e. the observations of / code development for study of, a specific “target”) → USE “We propose ...” . Underline this statement.
 - State why you’re applying for **this specific** instrument/facility.
 - State a 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 the field at large. (Legacy Value)

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)

Aim for ~¾ of a page, Times New Roman font, 12 pt.

Double check your grammar. Follow Dual Anonymous Standards.

Include the revised version of the abstract in your submission.

You may use Generative AI to revise your language – but aim to create the first version *yourself* to ensure the problem is captured the way it should be. Cite the AI tool.