

## Proposal Title for the Astronomically Inclined

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## ABSTRACT

[illegible]

## 1. INTRODUCTION

This is a reasonable template to use for your proposal. It uses the AAST<sub>E</sub>X(AAS 2016). Include suitable graphics to enhance the clarity of the proposal. Also include references in proper format.

In the Introduction section you should put some background, motivation, etc. Bring the reader up to speed with what you plan to work on. Remember, the reviewers may not be conversant in this field.

Here I give simple examples of an equation citation and a reference. First, here is a standard form of a line

$$y = mx + b, \quad (1)$$

where  $m$  is the slope and  $b$  is the intercept. Later in the text you can refer to this equation, without knowing its equation number, because you do know its label (the name you gave it in the .tex source code). The slope-intercept form of a line is given by Eqn. 1.

Now suppose I want to mention some work done by someone else, and they have published it in a journal. Ferd Berwick first investigated the flux capacitor in 1963. His results (Berwick 1964) are interesting for any physics student.

## 2. GOALS

What do you expect to accomplish? What will the product of your work be?

### 3. METHOD

How will you accomplish your goals? What approach will you use? What things will you need to make it

happen? What will you measure? How will you measure it? How will you analyze your data? What will the analysis tell you?

For references, in this document I have reverted to the simpler, self-contained reference method. Look at the end of both the .pdf and the .tex documents, and see how you put in the reference material in the .tex file, and how it is used and shows up in the pdf.

## 4. RESOURCES

What facilities, supplies, space, computers, programs, expertise will you need? Do you have access? Will you need resources or facilities or instruments that are not under the auspices of our department? Include documentation that makes it clear to the department that you have access to the needed facilities or instruments.

## 5. BUDGET

Anticipate questions about what things cost, especially if you will use facilities elsewhere. Best to make it a table or a list. Explicitly state any sources and amounts of funding. Some narrative may or may not be appropriate.

## 6. TIMELINE

When do you plan on executing specific aspects of the project? Include things such as presentations at meetings. Probably make it a list, rather than a narrative. Will you give a talk, present a poster? When, where? Posters and talks are expected products of your work. When is the first draft of the final paper due to your mentor? When is the final version due?

## REFERENCES

<http://journals.aas.org/authors/aastex.html>

Ferd Berwick, Capacitive Energy Storage, First edition,  
Foobar Press, 1964. ISBN 0-123-456789-1.