

Preliminary Proposal for First Group Project (due beginning of class, 4 September)

- You will be broken into 4 or 5 observing teams
- Each team will observe a different cluster in B & V using the 16" telescope.
 - you'll need to obtain necessary calibration obs, too
 - clusters should span wide range of ages
- Each of you will use IRAF to reduce your images and calculate the magnitudes.
- You'll use a plotting routine (probably IDL) to make color-magnitude plots. The ultimate goal is to determine cluster ages.
- Put them together in a team report.
- We will then put together a class report based on all the team results.

- BUT FIRST: put together a 2-page team "proposal" outlining what you need to do, who will do what, what you need to learn, and whatever else you will need to complete the project by mid-to-late-September. Select a primary cluster, but also suggest several alternative clusters in case of conflicts. Make sure to explain why you chose it and why it is suitable for our purposes and instrumentation.