

- Write a script to run various combinations of the chimera-scripts to make observations of 10 stars with different exposure times, filters and in different positions. Remember you need to take darks and flats as well.
- Now write a Python program to open and close the camera shutter without using chimera-cam. In order to do this you need to "get" the camera. Use chimera-cam as a guide.
- Now write a Python program to move the telescope from point A to B where A and B are two arbitrary locations.
- Now do the same as item 1, but without using the chimera scripts: write a Python program to do this.
- Download the src.tar.gz code from the csc480-chimera site in a different directory to where you installed chimera. Read "The Chimera Handbook" available on that site, study the API for chimera and also the extinction/photometry/seeing modules in util. Become familiar with the Python code used in these modules.
- Work on Astro research projects.