8/4/18
Start time: 8 pm
End time: 12 am
Total time: 4 hours

Tonight we head to the observatory to practice setting up the telescope and practice taking pictures of planets. We practiced using the quality picture program as well on the pictures of planets to clear them up. It has been a while for me in using the observatory so I struggled a little. Most of the time we had to sit and wait for the computer to process all of the pictures, then we had to do a lot of editing to get to that right picture for with the best quality. After that we closed down the whole place and left for the night.

8/11/18
Start time: 9 pm
End time: 12 am
Total time: 3 hours

Tonight we practice again but this time we are practicing on tracking an asteroid. We get the details from Colorado University and the picture of the starfield the event takes place in. I was also joined by the astronomer Professor from WNC he helped me with some tricks on the using the program. He gave me tips and tricks in using the the program which were helpful. The program took a bit to load everything so we waited for a bit.

8/15/18
Start time: 9 pm
End time: 12 am
Total time: 3 hours

We practiced tracking an asteroid again, we moved the telescope by using the computer. We moved it to spots that an asteroid could pass by in. And used another starfield picture to pinpoint spots. We moved the telescope to the star plot which took 10 minutes because we had to try to get that right spot to see it.

8/16/18
Start time: 8 pm
End time: 10 pm
Total time: 2 hours

With all the practice data we have, we made made a 30 second video that takes pictures every 2 seconds in 30 frames per second and puts all of those pictures into one to make it look better in quality.

9/15/18
Start time: 9 pm
End time: 12 am
Total time: 3 hours

We are finally tracking a real asteroid event. 80 Sappho is the name of the asteroid, we put everything we have practiced for into this and successfully graphed, videoed and cleared the picture of the asteroid passing.

9/18/18
Start time: 8 pm
End time: 10 pm
Total time: 2 hours

With the asteroid event being successful we managed to get a graph showing what we captured and when it passed by us. And we reviewed the quality of the pictures we took of the event.

10/20/18
Start time: 9 pm
End time: 12 am
Total time: 3 hours

There was a good full moon tonight we took up close pictures of the moon's surface and made the pictures quality clear. I thought it was cool seeing the moon that close it amazed me with the technology we have now to do that. We went over basics again just for a refresher and moved the telescope over to the mars and jupiter again and took pictures.

3/2/19
Start time: 9 pm
End time: 12 am
Total time: 3 hours

We took some pictures of the M-42 Orion Nebula Pie it's a colorful space cloud this event was a good refresher in starting up the telescope and the computer. It was hard to find with the telescope we searched for a good hour for the cloud and when we finally found it we were pumped because we almost gave up looking for it.