Tzec Maun Robotic Telescope Observing

Do not logoff Sky Chart between objects.

1. Connect to the Tzec Maun AP180, TE180, AP206, and Maksutov-Newtonian.

Takahashi Epsilon 180 (Color Camera)

2. From the Sky Chart page enter M 45 in the By Name input box and click Slew.
3. From the take image page enter 5 minutes for the exposure time and click Take Picture.
4. When the image is displayed try adjusting the image a bit with the Digital Development option and save the image to the Lab Images folder on the Y drive.
5. Return to Sky Chart.
6. Enter M 81 into the By Name input box and click Slew.
7. From the take image page enter 5 minutes for the exposure time and click Take Picture.
8. When the image is displayed try adjusting the image a bit with the Digital Development option and save the image to the Lab Images folder on the Y drive.

AP 180 (Color Camera)

9. Enter M 42 into the By Name input box and click Slew.
10. From the take image page enter 3 minutes for the exposure time and click Take Picture.
11. When the image is displayed try adjusting the image a bit with the Digital Development option and save the image to the Lab Images folder on the Y drive.
12. Return to Sky Chart.
13. Enter M 67 into the By Name input box and click Slew.
14. From the take image page enter 5 minutes for the exposure time and click Take Picture.
15. When the image is displayed try adjusting the image a bit with the Digital Development option and save the image to the E drive.
16. Return to Sky Chart.

AP 206 (B/W Camera with RGB Filters)

17. Enter M 42 into the By Name input box and click Slew.
18. From the take image page select the **Red** filter and enter 2 minutes for the exposure time and click Take Picture.
19. Return to Sky Chart.
20. From the take image page select the **Green** filter and enter 3 minutes for the exposure time and click Take Picture.
21. Return to Sky Chart.
22. From the take image page select the **Blue** filter and enter 4 minutes for the exposure time and click Take Picture.
23. Return to Sky Chart.
24. Download the three FITS (Red, Green and Blue) images and save them to the Lab Images folder on the Y drive.

Maksutov-Newtonian (B/W only)

25. Enter M 109 into the By Name input box and click Slew.
26. From the take image page enter 10 minutes for the exposure time and click Take Picture.
27. Download the FITS image and save it to the Lab Images folder on the Y drive.
28. Return to Sky Chart.

Processing FITS Images

29. Take the three RGB images of M42 that you took with the AP180 and use Stellar Magic to make a color image.