

Lunar Eclipse of May 15, 2022

Welcome to the RIT Observatory's celebration of tonight's lunar eclipse. Members of the AST program are here to help you see the eclipse and learn about objects in space. Please ask plenty of questions.

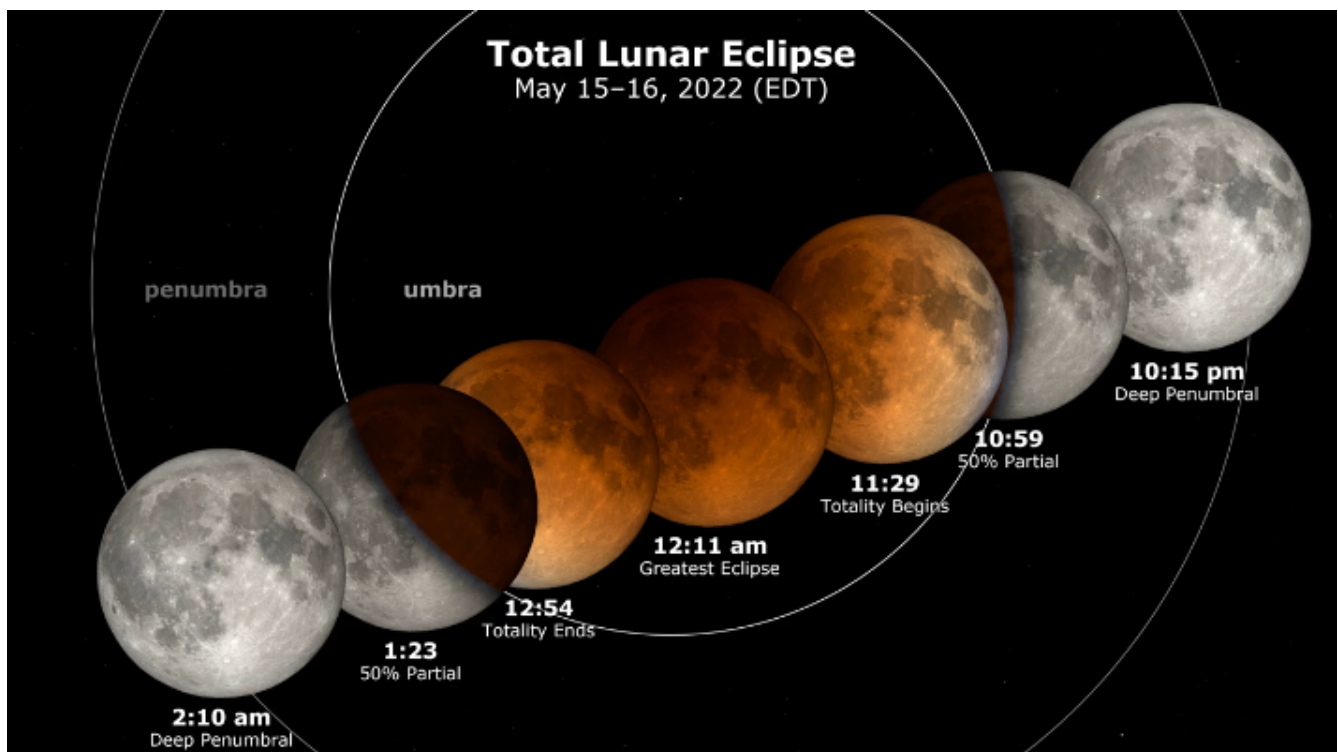


Image credit: <https://moon.nasa.gov/news/172/what-you-need-to-know-about-the-lunar-eclipse/>

As you can see from the chart above, the Moon will start entering the Earth's shadow a bit after 10 PM, and reach the dark central region around 11:30 PM. We will close around 12:30 AM, but you don't have to stay until then to see the Moon turn dim and red. The best way to watch is to sit or lie down on the grass and relax; this is a laid-back phenomenon.

You may use a bathroom inside the house, but please don't disturb any of the instruments or computers inside.

On the back of this flyer you will find a checklist of activities you may perform in between your moon-gazing. If you complete them all, you may earn an official title!

Scientific activity checklist

Because the eclipse takes a bit of time, we've created a set of activities for you to enjoy in between your study of the Moon. Perhaps you might look at the Moon, do an activity, then check the Moon again to see what has changed, do another activity, and so forth.

Once you have completed each activity, as a staff member to stamp your sheet. If you can collect all the stamps, you will earn an official title and a special sticker.

- Answer an astronomy quiz question
- Look through at least one telescope
- Learn why stars come in different colors
- Learn how to find a constellation
- See a star cluster or nebula

Congratulations! RIT Observatory now recognizes

_____ (write your name here)

as an official **Lunar Astronomer!**