

KITT PEAK NATIONAL OBSERVATORY

NIGHTLY STARGAZING PROGRAM

Stargaze with our Nightly Observing Program at the site of the world's largest collection of astronomical observatories. Admire planets, star clusters, nebulae, and galaxies during your evening on Kitt Peak.

What to Expect:

Your guided evening will include:

- A light meal (deli sandwich)
- Exploring the constellations with tools such as star charts & binoculars
- Observing deep-sky wonders with the Visitor Center telescopes

Due to the popularity of our program, we recommend that reservations be made one month in advance if possible (especially January-May). Arrival times are provided based on the sunset time for your evening.

Call **520-318-8726**. If space is available, same day reservations can be made up to 3pm.

In the event of a cloudy night, we will conduct an entertaining hands-on educational program that will excite your imagination to the wonders of the Universe. In the event the weather clears, we will continue with observing. Refunds or discounts due to inclement weather are not available. You have 24 hours to cancel your reservations and not be charged your deposit fee.

- The summit of Kitt Peak is at 6,875 ft. Mountain environments may vary from windy conditions to extremely cold temperatures, so please dress warmly (hats, gloves etc.), feel free to bring a blanket. Mountain temperatures are 15-20 degrees cooler than Tucson. The observatories are not heated.
- Kitt Peak is 56 miles from Tucson, on the Tohono O'odham Nation.

For Reservations call (520) 318-8726

Visit us on the Web at: www.noao.edu/outreach/nop

Reservations are taken daily from 8am - 3:30pm

Rates

Adults **\$48.00/person**

Seniors (over 62), Students (elementary to college) & Military **\$44.00/person**

Call for Group Rates (10 or more)

Program is not recommend for kids under 8

A \$25.00 deposit is required to hold your RSVP, see website for info.

(Rates are subject to change)



PROVIDING PUBLIC OUTREACH
FOR OVER 40 YEARS

KITT PEAK NATIONAL OBSERVATORY

OVERNIGHT OBSERVING PROGRAM

The Advanced Observing Program is designed to give participants an authentic sample of the atmosphere of professional astronomy. You and a guide spend the prime evening hours using one of Kitt Peak's three public telescopes and associated equipment, exploring the wonders of night sky. Absolutely no prior experience with telescopes is necessary. The program is considered advanced because we use the best amateur equipment available, under the clearest skies in the continental United States, with the most qualified & trained expert public guides.

Guests arrive in the early afternoon and begin their dedicated observing at the conclusion of the nightly star gazing program. Three meals are included and guests rest in their assigned room at the end of the night. Checkout time is 2pm on the following day. This is a weather-dependent program.

Guests can choose from various modes of observing

1. Visual Observing: Peer through an eyepiece all night long, and see everything from planets to other galaxies.
2. CCD Imagery: You will learn how to take astronomical data, calibrate it, and process it until a high-resolution color picture of your favorite astronomical vista materializes.
3. Webcam and DSLR Imagery: With DSLR imaging guests can typically go home with 10-12 quick images of objects.

Rates

\$550 per night for the observatory for up to two people, \$100 for each additional person.

\$90 per person per night Room & Board (includes three meals)

\$75 double occupancy

Deposit

\$100 per night deposit is required. Cancellations that occur less than 1 month prior to a reserved date will be charged. Weather cancelled programs excluded.

(Rates are subject to change)



Reservations and Inquiries

AOPRSVP@noao.edu

(520) 318-8726 or (520) 318-8771

www.noao.edu/outreach/aop

