

# August 8, 2021: Night Sky Photography Workshop Recap

written by Chris Guibert | August 9, 2021

This summer we have had three night sky photography workshops at the Keweenaw Mountain Lodge as part of our [stargazing](#) activities. These workshops taught night-sky and photography enthusiasts how to take high-quality pictures of the dark sky.

Our third night sky photography workshop was held this past Sunday, during the month's new moon on [August 8, 2021](#), and a couple of days before the peak of the [Perseid Meteor Shower](#).

For the first half of the class, [Nathan Bett](#) shared his techniques in a classroom presentation. The second half of the class we journeyed out onto the ninth fairway and had some hands on learning.

The "class room" portion of the workshop lasted around 1.5 hours, during which time several of Nate's nuggets for taking night sky photos were discussed.







# ASTRO PHOTOGRAPHY BASICS

## F/300 RULE

300 DIVIDED BY YOUR FOCAL LENGTH IS YOUR MAX SHUTTER SPEED FOR STATIC STARS

14MM  
F2.8  
ISO 40000  
20 SEC

# ASTRO PHOTOGRAPHY BASICS

## THE BASIC SETTINGS

ISO: 3200  
APERTURE: F2.8 OR LARGER IF POSSIBLE  
SHUTTER SPEED: 15-30 SECONDS  
WHITE BALANCE: 4000K

15MM  
F2.8  
ISO 3200  
20 SEC



After finishing up the indoor lecture portion of the workshop, we journeyed outside with our cameras onto the ninth fairway for some hands on learning. To be able to see the stars at night, good weather is needed. It had rained earlier in the day, and was cloudy for most of the afternoon. However, the evening had some glimmer of hope. It was not the clearest of nights, but attendees were able to see some stars, take some pictures, and get some specific experience with Nate. Nate spent time walking around to each attendee's setup on Hole 9 and talking about their different settings. The sky was thick with moisture and haze from distant wildfires, however, we all walked away with more insight into night sky photography.





Instructor, Nate Bett, was able to show the group on hole 9 green how he works with the settings on his camera. [ Photo credit: Chris Guibert ]

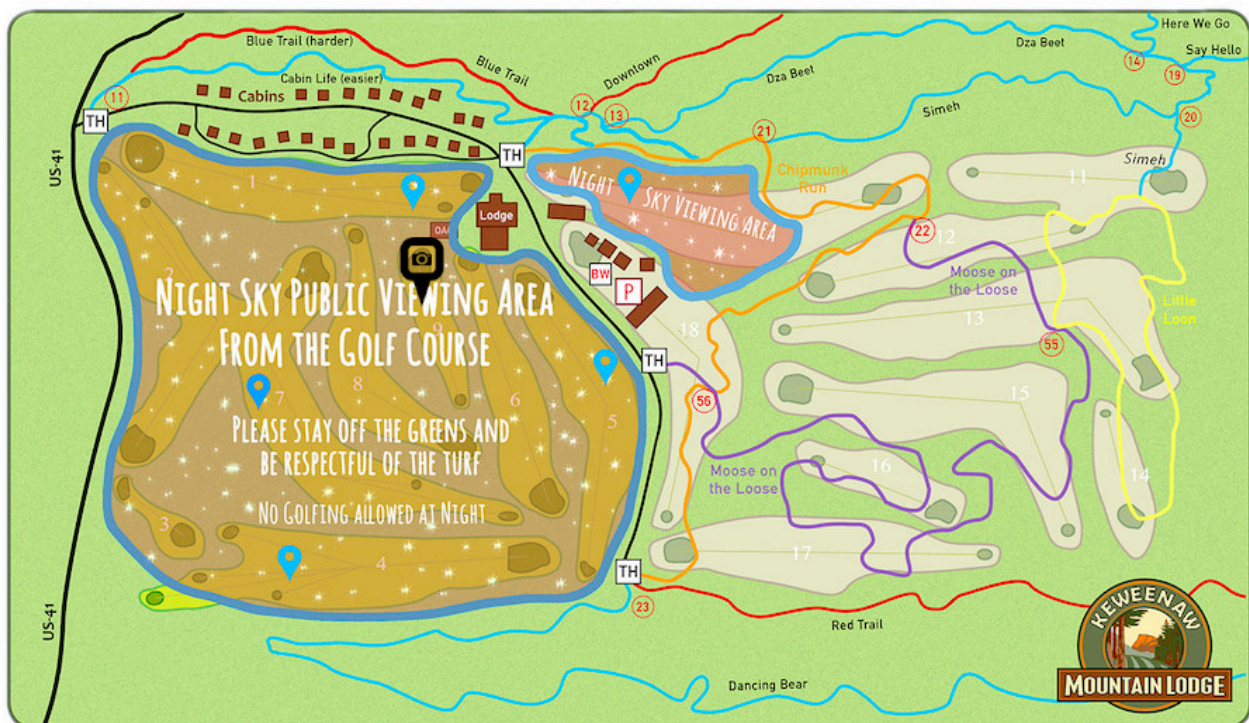




Attendees of the August 8th workshop work on their night sky photo skills on the fairway of Hole 9 at the Keweenaw Mountain Lodge. [ Photo credit: Tom Oliver ]

Below is a map of the stargazing locations on the Keweenaw Mountain Lodge property. The location on Hole 9 where the outside portion of the workshop was held is identified on the map with the **black camera icon**.

## NIGHT SKY VIEWING AT THE KEWEENAW MOUNTAIN LODGE



PLEASE BE RESPECTFUL OF LODGING GUESTS WHEN NEAR THE CABINS: KEEP NOISE TO A MINIMUM  
THE NIGHT SKY CAN BE EASILY VIEWED FROM MANY SPOTS ON THE PROPERTY. THIS MAP HIGHLIGHTS VANTAGE POINTS (📍) FOR THE BEST VIEWING OF THE STARS



## About the Instructor: Nate Bett



Nathan Bett is a photographer and educator in Hancock Michigan. Although originally from Marquette, Michigan, Nathan recently relocated to Hancock from New York City, where he taught at the City University Of New York, and represented a major camera manufacturer as a technical specialist in photography. He now spends his time indulging in the over abundance of natural beauty in his native UP and spending excesses of time outdoors with his family. Nathan maintains a passion for photography and the outdoors that he delights in sharing with students. His work can be viewed at [nathanbett.com](http://nathanbett.com) and [@natebett](https://www.instagram.com/natebett) and [@artmonstermedia](https://www.instagram.com/artmonstermedia) on Instagram.



# NIGHT SKY PHOTOGRAPHY WORKSHOPS

JOIN NIGHT SKY PHOTOGRAPHER NATE BETT FOR A NEW MOON PHOTO WORKSHOP

LEARN THE TECHNIQUES FOR CAPTURING THE NIGHT SKY

THROUGH THE LENS OF A

CAMERA



## KEWEENAW MOUNTAIN LODGE

AUGUST 8TH • 9:45PM

LODGING GUESTS FREE • \$75 PUBLIC • LIMITED AVAILIBLTY

[WWW.KEWEENAWMOUNTAINLODGE.COM](http://WWW.KEWEENAWMOUNTAINLODGE.COM) FOR DETAILS