



YELLOWSTONE FOREVER

YELLOWSTONE'S GALACTIC NIGHT SKY: A PHOTOGRAPHY WORKSHOP

Itinerary & Details

FIELD SEMINAR – SUMMER 2024

INSTRUCTOR: Angela Tempo, M.A.

INSTRUCTOR BIOGRAPHY: Angela is a naturalist and photographer who specializes in the GYE (Greater Yellowstone Ecosystem) and night sky photography. She graduated from Boston University with a bachelor's degree in journalism and social communications, a master's in photojournalism from the same institution, and a master's in public relations from Kent State University. Before Angela moved to Yellowstone, she worked at Georgetown University in Washington DC. She also worked as a first responder with FEMA, and U.S. Coast Guard as a rescuer diver. In Angela's free time, you'll find her rafting, painting, and hiking. She currently lives in Gardiner, MT, allowing her to immerse in the area year-round and keep learning about Yellowstone National Park, Grand Tetons National Park, and surrounding public lands.

ACTIVITY LEVEL: This course is activity **level 1** and students enrolled in this course are expected to be active participants. Be prepared to hike up to 1 mile per day, comfortably, through relatively flat terrain on maintained trails.

**All field activities will be conducted as a group. If participants cannot meet the activity level expectations during the program, they may be restricted from participation in daily outings. Program itineraries or activities will not be altered to accommodate participants who cannot meet the expectations of the stated activity level.*

LOCATION: Lamar Buffalo Ranch – Yellowstone National Park, WY

PROGRAM DATES & TIMES: The program begins at 7:00 p.m. on Saturday, July 6, 2024, and goes through Monday, July 8, 2024, at 5:00 p.m.

LODGING CHECK-IN & CHECK-OUT: Lodging check-in begins at 4:00 p.m. on Saturday, July 6, 2024 and lodging check-out is at 9:00 a.m. on Tuesday, July 9, 2024.

MEALS: This course is not catered. Participants will need to bring their own food; lunch should be able to travel in the field.

For general information about the facilities, preparation for classes, what to expect, cancellation policies, and more, please see the [Lamar Buffalo Ranch - Summer General Information](#) document.

PROGRAM ITINERARY

The darkness of Yellowstone's night skies is palpable, revealing the depths and beauty of our galaxy. You have evolved under these skies, studying them and being shaped by them. Join me as you peer into the darkness and focus your camera on the cosmos through still photography and long exposure techniques. You will begin the seminar with a classroom introduction to the basic tools and skills of night sky photography. Then, you will bring these lessons into the field to capture beautiful night images, all while discussing the importance of darkness and stars to yourself and other species in our ecosystem that depend on these features to thrive. This seminar will also touch on post-processing techniques.

The itinerary is designed to take advantage of the best opportunities in the park, but may be adjusted to adapt to weather conditions, wildlife activity, holidays, and road construction.

The details and timing of the agenda are subject to change.

Day 1

Welcome

The program starts with an evening orientation. You will get to know one another and be introduced to the program. Throughout the evening, the itinerary and seminar key concepts will be discussed, as well as what to expect to pack for the field each day.

Day 2

Night sky and Milkyway Pictures

The focus of the second day is learning long exposure techniques.

Day 3

The third day will focus on timelapses techniques. You will also work in post processing techniques for both timelapses and long exposure photos. Half of the class will be spent outdoors and half of the class will be spent indoors. There will be also a discussion related to how the night sky affects local wildlife.

Day 4

Check-Out

Check out of cabins by 9:00 a.m.

PROGRAM EQUIPMENT

For a full list of what is included in this course, in addition to recommended equipment check out the [Lamar Buffalo Ranch - Summer General Information](#) document.

- Sky apps " Moon, Skyview, and Starwalk
- DSLR Camera
- Wide lenses
- Steady tripod.

RECOMMENDED READING

There are books and reference materials at the ranch for the class to enjoy during the stay. In addition to those materials, the following recommended readings are not required but may enhance the visit.

- National Park Service. *2023 Resource and Issues Handbook*. NPS, 2023.

WHOM TO CONTACT

For any questions, concerns, or additional information please contact the following:

- Program itinerary, health forms, payment, and general program questions please contact Yellowstone Forever at institute@yellowstone.org or 406-848-2400
- Road updates, park conditions, and general park information please contact Yellowstone National Park Service at <https://www.nps.gov/yell/contacts.htm>
- If running late for a program, please contact 406-848-2400.