

# **SOLSTICE, MOONBEAMS, & STARS: FAMILY ASTRONOMY**

**DATE: JUNE 16, 2018**

**COURSE LEVEL: II      COURSE #: S6090**

**FEE: \$25 PER ADULT; FEE FREE FOR CHILDREN 12 AND UNDER**



**Rocky  
Mountain  
Conservancy**

**FIELD INSTITUTE**

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**LOCATION:    Rocky Mountain Conservancy – Field Institute & Conference Center  
1895 Fall River Road, Estes Park, Colorado**

**Time: 5:00-10:00 PM**

**COURSE DESCRIPTION:** Why do the seasons change? How do moon phases happen? It all has to do with going round and round! On the weekend before the summer solstice, take part in hands-on activities that explain how our days get longer and shorter. Explore the circular orbit of the moon to see how our lunar phases work. Then learn about some of the other fascinating celestial objects that circle around in the Milky Way and provide us with curiosity and imagination about our universe. End the night by using a telescope to see the wonders of the night. This class is designed for families with children ages 5-12.

**COURSE LEVEL: II**

Short distance walks on primarily level terrain.

**BRIEF INSTRUCTOR BIOGRAPHIES:**

Deborah Price is an environmental educator who serves as education liaison for Boulder County Parks and Open Space. She has taught people of all ages about basic astronomy and has helped people gain a better understanding of our solar system and the universe for the past 13 years. Deborah has a Bachelor of Science degree from Colorado State University, with a major in natural resource recreation and tourism.

Paul Price is an avid amateur astronomer who loves to help people discover the universe with the aid of telescopes. By day he is a database administrator for the United States Department of Agriculture, and by night he looks up to the skies. He is also an award-winning woodcarver and teaches woodcarving classes.

**TENTATIVE COURSE SCHEDULE:**

5-7 PM- Activities at RMC Field Institute

7-8 PM- Dinner break (participants on own for meal)

8-8:30 PM- Learn how telescopes work (inside the east entrance of the park, near Sheep Lakes).

8:30-10 PM- Telescope viewing

**EXPECTATIONS:** Professional conduct will be expected from participants at all times. Individual ideas will be respected. Except during course breaks, cellular phones, pagers, and personal entertainment devices are strictly prohibited in the classroom and during field sessions.

**WHAT TO BRING:**

- Binoculars (optional)
- Wear comfortable clothing; bring a heavy jacket and cap for evening observing.

*Note: Rocky Mountain Conservancy - Field Institute recommends that participants for all courses dress in layers and wear comfortable, sturdy shoes. Participants should be prepared for sudden changes in temperature and weather conditions.*

**REFUND POLICY:**

Cancellations received at least 14 days prior to the start of a class will qualify for a refund minus a cancellation fee of \$25 per participant for a one-day class, \$50 for a multi-day class, \$5 per kid's class and \$15 per half-day class or bus tour seat. Registration money transferred to another class will be subject to a \$10 switch fee.

Cancellations received less than 14 days prior to the start of a class or bus tour will not generate a refund. If the Field Institute cancels a class, every effort will be made to place the participant in another class; otherwise, a full refund will be given.