



Astronomy 101
Journey Museum & Learning Center Community Education Program
Tuesday evenings: 6:30 – 8:30 p.m.
September 19 and 26, and October 3, 10, and 17, 2017

Instructors: Luke Corwin, SD School of Mines & Technology
Tom Durkin, SD Space Grant Consortium
Peggy Norris, Sanford Underground Research Facility
Don Teets, SD School of Mines & Technology
Richard Walker, Black Hills Astronomical Society

This 5-session course offered by the Black Hills Astronomical Society in the large-screen theater of the Journey Museum & Learning Center will introduce participants to basic astronomy and some of the amazing modern discoveries in space. The course will be more of an astronomy “potpourri” than a textbook-style Introduction to Astronomy, although it will provide an introduction. Questions from the audience will be welcomed throughout the program so that the course covers topics of interest to the participants.

Course Schedule

Week 1: Tuesday, Sept. 19

(Tom Durkin)

- Introduction to Astronomy
- The Solar System

Week 2: Tuesday, Sept. 26

(Don Teets)

- Measuring the Universe (how we measure the great distances in space)
- Messier Objects

Week 3: Tuesday, Oct. 3

(Richard Walker)

- By Stars, The Moon and the Sun (a cinematic journey across the night sky), followed by a brief introduction to night photography
- Know before you buy (telescope options)

Week 4: Tuesday, Oct. 10

(Luke Corwin and Peggy Norris)

- Astronomy 4850 Feet Underground (Luke Corwin)
- Supernovae (Peggy Norris)

Week 5: Tuesday, Oct. 17

(Tom Durkin and Journey Museum Education Staff)

- Course Overview – “A Journey through Space” with Uniview Planetarium Program
- Q&A/Discussion with class members (interactive exchange with previous instructors)