

**Continuing Education**

**Spring 2014**

**Aristotle to Einstein: The History of Our Universe**

**Dr. Michael Smutko**

# Supplemental Reading:

Some books that might be helpful as background reading for the course are (in alphabetical order):

* Bartusiak, Marcia, *The Day We Found the Universe,* 2010, ISBN-10: 0307276600
* Kolb, Rocky, *Blind Watchers of the Sky: The People and Ideas that Shaped Our View of the Universe,* 1997, ISBN-10: 020115496X
* Sagan, Carl, *Cosmos,* 2013, ISBN-10: 0345539435.
* Singh, Simon, *Big Bang: The Origin of the Universe,* 2005, ISBN-10: 0007162219
* Weintraub, David, *How Old is the Universe?,* 2012, ISBN-10: 069115628X

# Visiting the Dearborn Observatory:

The Dearborn Observatory is open for public observing with the historic 18.5" Alvan Clark refracting telescope every Friday night from 9:00-11:00 pm in the spring and summer months (8-10 pm in the fall in winter).

The tours at the Dearborn Observatory are open to everyone, and there are two hours open for visiting:

* **9:00 to 10:00pm: Reservation hour.**  Your group will have a tour of the Observatory, and be able to look through the telescope for the full hour.
* **10:00 to 11:00pm: Walk-ins are welcome.**  We try to allow everyone at least one opportunity to look through the telescope, but space is limited in the dome; therefore, there is no guarantee that everyone will be able to look through the telescope if we are very crowded.

There is no fee for the Friday night observation tours; however, if you make a reservation for a group of 10 or more, we do require a refundable deposit that will be returned to you on the night of your visit. If you would like to make a reservation or want to learn more about the Observatory, please call the Dearborn Observatory at 847-491-7650. More information can be found online at:

<http://ciera.northwestern.edu/observatory.php> or <https://www.facebook.com/DearbornObservatory>

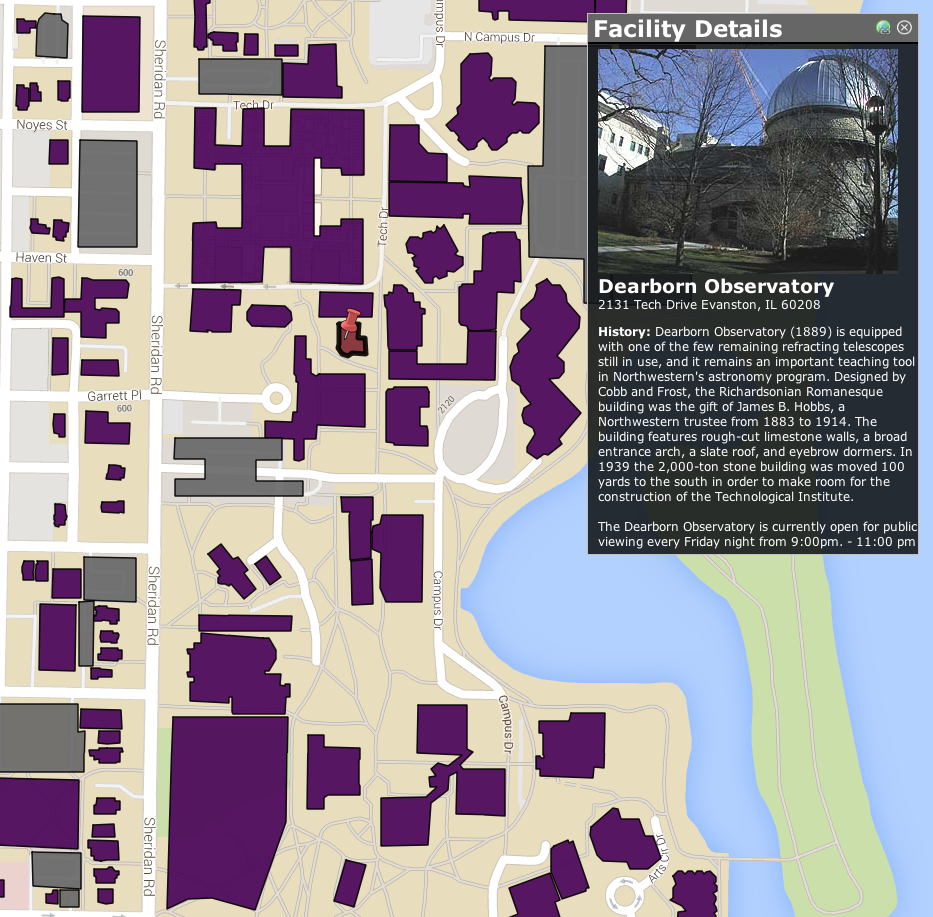
# April 15, 2014 – Total Lunar Eclipse!

In the pre-dawn hours of April 15, 2014 (roughly 1:00 am to 4:30 am CDT), a total eclipse of the moon will occur. While binoculars or a small telescope can be helpful, no telescope is required to view this event—just look up! More information can be found here:

<http://www.skyandtelescope.com/observing/highlights/April-2014-Total-Lunar-Eclipse-252931091.html>

**Weather permitting**, the Dearborn Observatory will be open for a free public observing event the morning of April 15th. Please check our webpages (see above) or call 847-491-7650 for more information and updates on the eclipse.

# Map to the Dearborn



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