



Continuing Education

Spring 2021

Another Look: The History of Our Universe

Prof. Michael Smutko

Supplemental Reading:

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

- Barnes and Lewis, *The Cosmic Revolutionary's Handbook (Or: How to Beat the Big Bang)*, 2020, ISBN: 9781108486705
- Bartusiak, Marcia, *The Day We Found the Universe*, 2010, ISBN: 0307276600
- Fraknoi, Morrison, and Wolff, *Astronomy*, This e-book is *totally free* at <https://openstax.org/details/books/astronomy>
- Gribbin, John, *13.8: The Quest to Find the True Age of the Universe and the Theory of Everything*, 2015, ISBN: 978-0300218275
- Kolb, Rocky, *Blind Watchers of the Sky: The People and Ideas that Shaped Our View of the Universe*, 1997, ISBN: 020115496X
- Sagan, Carl, *Cosmos*, 2013, ISBN: 0345539435.
- Singh, Simon, *Big Bang: The Origin of the Universe*, 2005, ISBN: 0007162219
- Weintraub, David, *How Old is the Universe?*, 2012, ISBN: 069115628X

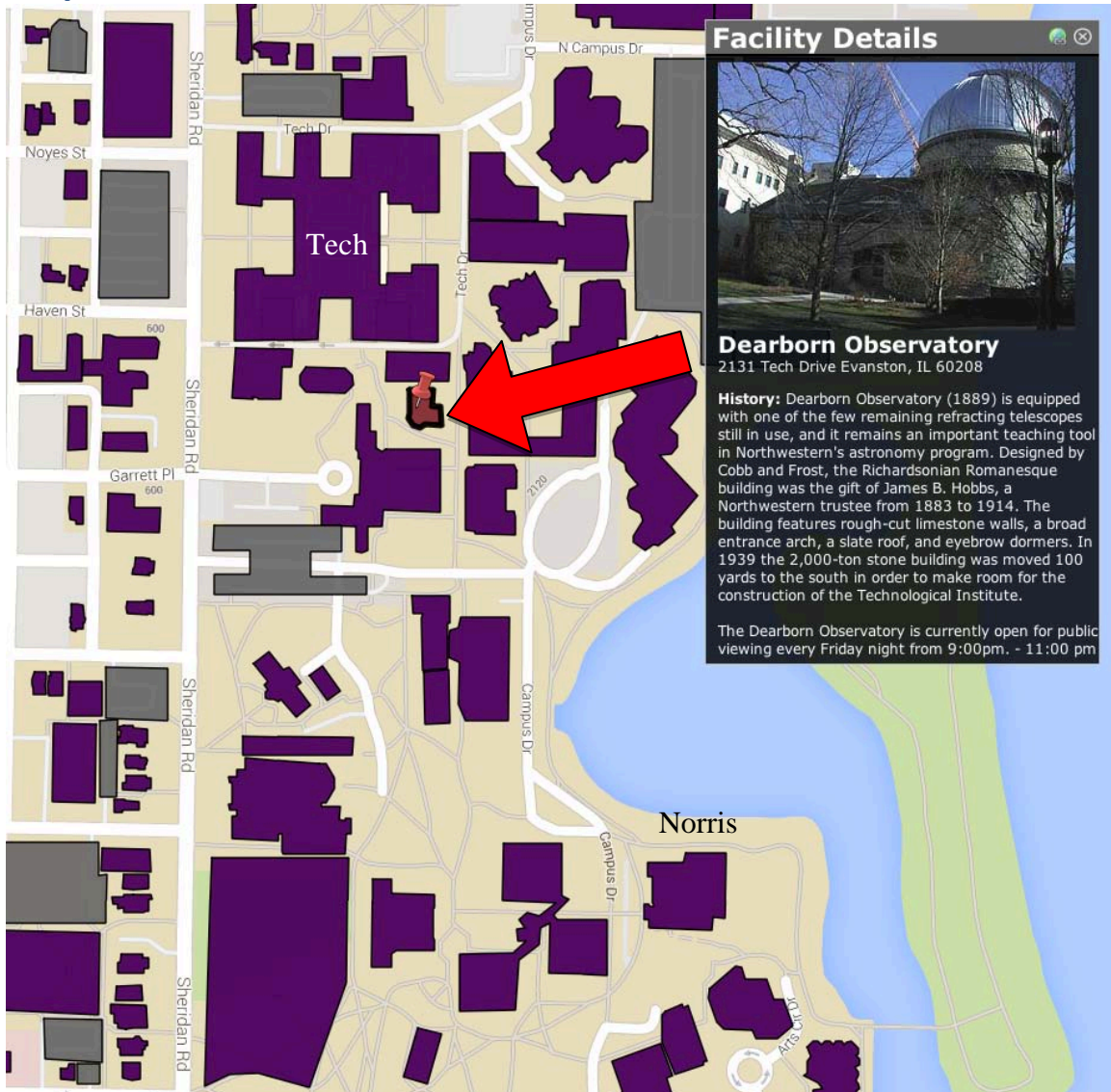
Visiting the Dearborn Observatory:

Unfortunately, due to the pandemic, the Dearborn Observatory is closed to the public for the foreseeable future. We hope to be able to resume Friday evening public observing sessions in the fall of 2021. Check these sites over the summer for updates:


<https://physics.northwestern.edu/about/dearborn-observatory/index.html> or

<https://www.facebook.com/DearbornObservatory>

Map to the Dearborn



Facility Details



Dearborn Observatory
2131 Tech Drive Evanston, IL 60208

History: Dearborn Observatory (1889) is equipped with one of the few remaining refracting telescopes still in use, and it remains an important teaching tool in Northwestern's astronomy program. Designed by Cobb and Frost, the Richardsonian Romanesque building was the gift of James B. Hobbs, a Northwestern trustee from 1883 to 1914. The building features rough-cut limestone walls, a broad entrance arch, a slate roof, and eyebrow dormers. In 1939 the 2,000-ton stone building was moved 100 yards to the south in order to make room for the construction of the Technological Institute.

The Dearborn Observatory is currently open for public viewing every Friday night from 9:00pm. - 11:00 pm