



- **Dr. Derek Fertig**

# **Astronomy**

- Langley High School



TO MESS WITH AN ASTRONOMER, PUT A MIRROR IN THE PATH OF THEIR TELESCOPE.

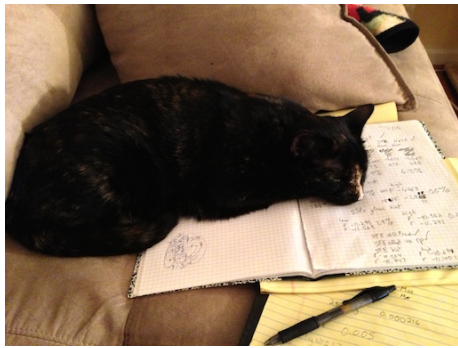
# Why take Astronomy?

- Survey course for topics in astronomy
- Great for anyone interested in science in general
- A wonderful intro course for anyone thinking of astronomy, astrophysics, aerospace engineering, atmospheric sciences, etc...
- Most importantly: It is a fun and interesting course!





# About Me:



## THIS YEAR

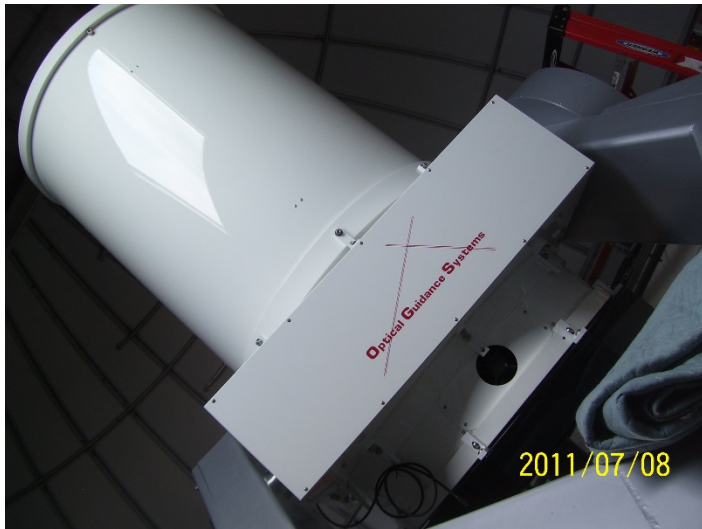
Early Astronomy	Family of Stars and Lifecycle
Celestial Motion	Solar System and Exosolar Planets
Different views of Gravity	Galaxies and Cosmology
Waves, Light and EM Spectrum	Space Exploration – past/present/future
Our Star – The Sun	Other topics as time permits

## Labs and Projects!

Solar System Walk	Telescope Lab
Famous Astronomers!	Stellar Classification Lab
Explore the Solar System	Starry Night Lab

We also watch movies such as Interstellar and Contact! And shows such as Cosmos, How the Universe Works, and Into the Universe.

# Extra Credit!



- <http://physics.gmu.edu/~hgeller/observing.html>

# Thanks for coming!

