Lecture 1

Overview

Course Goals

• Become "Science Wise"
  – Most things are not yet known
  – Gathering knowledge: scientific method
  – Dealing with error
  – How to read science articles

• Become comfortable with visible universe
  – what you can see for yourself
  – using math to help with unfamiliar scales
  – astronomy hierarchy: planets, stars, galaxies, clusters, cosmos
• Become comfortable with the two major physical effects in universe
  – Gravity
  – Energy

Universe Tour . . .