

Philosophy 3330  
Spring 2016  
Study Guide for Exam 1

The first exam (in-class Thursday, March 10<sup>th</sup>) will cover all of the material that we have discussed in class and in the assigned readings for the first eight weeks of the course.

You should know the main theses and main arguments for those theses of each of the articles we have read so far.

You should also know what each of the following terms means and how they are relevant to the class. This is not an exhaustive list.

The Demarcation problem  
Falsifiability  
The conflict thesis (between science and religion)  
NOMA  
Ptolemy's view of solar system  
Epicycle  
Deferent  
Equant point  
Retrograde motion  
Copernicus's view of the solar system  
Galileo's observations with the telescope  
Mountains and valleys on the moon  
Phases of Venus  
Moons of Jupiter  
Sunspots  
Principle of inertia  
Stellar parallax  
Trial of Galileo  
Darwin's principle of divergence  
The tree of life  
Natural selection  
Scientific creationism  
Intelligent design  
Kitcher's view of successful science  
Kitcher's problem with naive falsification  
Plantinga view of science and religion  
MacDonald and Tro's view of science and religion  
Methodological naturalism