

ASTB03H3 Y LEC30 Course Information (Summer 2019)

Lecturer: Dr. Eric Shaver

In this course, the evolution of humanity's perception and understanding of the structure and history of the Universe is examined.

The course begins with a brief examination of recent discoveries. We then examine the process that has led to the current context for the relevance of these discoveries. We look at ancient models of the Solar system and how these models were related to the observations made by ancient peoples. The influence of advancing technology on these models is also studied. Following this, significant revolutions in our understanding of the universe are examined from an historical and technological perspective. These include;

- i) the development of the modern view of the solar system
- ii) the development of our understanding of the nature of stars
- iii) the discovery of the nature of the Milky Way and other galaxies
- iv) the discovery of the expansion of the Universe and its implications
- v) the discovery of extreme objects and extrasolar planets

Mark breakdown/ Dates:	Assignment 1 10%	Due: May 29
	Test 25%	In class: June 26
	Assignment 2 10%	Due: July 3
	Assignment 3 10%	Due: July 24

Return Date: Students will have a substantial amount of term work (45%) returned to them by the drop date (July 22)