COURSE TITLE: Astronomy
COURSE NUMBER: SCI 304

I. COURSE OBJECTIVES:

The purpose of this course is to provide the student with a general understanding of the basic ideas and meaning of astronomy and to provide direct access to the major concepts of astronomy through observation of the phenomena around us.

The student will be able to:

IDEA- 2 1. Learn fundamental principles, generalizations, or theories
IDEA- 1 2. Gain factual knowledge (terminology, classifications, methods, trends)
IDEA- 3 3. Learn to apply course material (to improve thinking, problem solving, and decisions)

4. Identify the major individuals and events in the history and development of astronomy.
5. Identify the manner in which astronomers gain information about the structure of the universe.
6. Describe the motions of the earth and other objects in the solar system.
7. Identify dominant seasonal and polar constellations.
8. Identify the physical characteristics of the planets and stars.
9. Identify the development of stars and stellar systems.
10. Demonstrate an awareness of current ideas in cosmology.