

# PHYS102 : Fundamentals of Astronomy

Surveys fundamental concepts of the science of astronomy and the history of studying the universe; places special emphasis on observation, with many labs involving direct viewing of the sky—sometimes with unaided eye from the student's chosen location, sometimes with telescopes at Atlantic Cape or other, darker sites; aims to develop in students a basic understanding of the principles of science in general and astronomy in particular, and have them achieve a proficiency in being able to locate a wide range of specific astronomical objects in the sky. Meets the General Education requirement for Science.

**Credits** 4

**Lecture Hours** 3

**Lab/Clinical/Field Study Hours** 3

**Prerequisites**

ENGLO80 and MATH074 or MATH099 with grades of C or better or Placement test score or SAT score.