

PHYSICS (PHDI)

PHDI 2200 Introductory Astronomy (4)

Fundamental principles of astronomy. Emphasis on night sky observations, the motion of the earth, the moon and its phases, eclipses, composition and life cycle of stars, the origin of the universe, dark matter and dark energy, and the search for exoplanets and life. Hands on laboratories and planetarium demonstrations are part of the course. Springs and Falls. (SIDI)

PHDI 2300 Astronomy (3)

Fundamental principles of astronomy. Includes theories of the origin of the universe and the solar system with emphasis on the structure and motions of the earth, the moon and its phases, eclipses, composition and motion of the sun and other star types, and galactic systems. Practical, naked-eye observations with the use of celestial maps. Some telescopic observations required. Falls and Springs. (SIDI)