AST: Astronomy Courses

Courses

AST 1002  Descriptive Astronomy
3 sh (may not be repeated for credit)
Prerequisite: MAC 1105 OR MAC 1114
Introductory astronomy. Basic astronomical concepts; gravitation and other cosmic forces; planets, moons, and other components of the solar system; nature and evolution of the sun and of other stars; structure of galaxies and of the universe as a whole. Credit may not be received in both AST1002 and AST3033. Satisfies Florida Common Core Natural Sciences requirement.

AST 1002L  Descriptive Astronomy Laboratory
1 sh (may not be repeated for credit)
Co-requisite: AST 1002
Elective laboratory to accompany AST 1002. One period per week for 3 hours. Experiments, measurements, and observations of planetary, stellar, galactic, and extragalactic astronomy.

AST 3222  Introduction to Astrophysics
3 sh (may not be repeated for credit)
Prerequisite: MAC 2311 AND PHY 2048
Co-requisite: PHY 2049
Comprehensive survey of the universe and its appearance from earth. Seasons, tides, eclipses. The solar system, stellar evolution and galaxies. Quasars, pulsars, black holes.

AST 3905  Directed Study
1-12 sh (may be repeated indefinitely for credit)