

ASTRONOMY (AST)

AST 1110 | Astronomy with Lab: Planetary Systems: GT-SC1

Lecture Credit: 3 Lab Credit: 1

Focuses on the history of astronomy, the tools of the astronomer and the contents of the solar system including the planets, moons, asteroids, comets, and meteoroids. Incorporates laboratory experience. This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

Prerequisite: College Readiness in English and Quantitative Literacy Math

AST 1120 | Astronomy II with Lab: GT-SC1

Lecture Credit: 3 Lab Credit: 1

Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Incorporates laboratory experience. This course is one of the Statewide Guaranteed Transfer courses. GT-SC1

Prerequisite: College Readiness in English and Quantitative Literacy Math

AST 1140 | Astronomy of Ancient Cultures: GT-SC2

Lecture Credit: 3

Introduces the study of archaeoastronomy and ethnoastronomy. Students will study the principles of naked eye astronomy and examine how those principles have been used for timekeeping, navigation, religion and ritual, political power, cosmology and worldview. Methods of the ethnoastronomer will be covered, including measurement of alignments, analysis of written records, examination of art and architecture and incorporation of general knowledge about the culture being studied. This course is one of the Statewide Guaranteed Transfer courses. GT-SC2

Prerequisite: College Readiness in English and Quantitative Literacy Math