

Earth Science II: Astronomy

In this laboratory-based course, students develop skills needed to understand, explain, analyze and communicate about the natural world from planet Earth to the edge of our universe. Mathematics is emphasized in this course through the study Earth Science from an astronomical perspective, exploring constellations, the sun and moon, planets, asteroids, comets, the structure and evolution of the stars, pulsars, black holes, gaseous nebulae, star clusters, galaxies, and quasars. Extensive laboratory work includes the integration of mathematical principles and visual observations of astronomical objects in the T.C. Williams High School Planetarium.

High School Credits: 1

Note:

Note: Students who have not completed Earth Science I have the option of taking the SOL test in Earth Science and earning a verified science credit. This course is a higher-level science that can be considered by students with mathematics competency.

School Level: High School

Grade: 11, 12

Prerequisites:

2 science credits

Program: Science Core Courses