



Online Courses for High School Students

1-888-972-6237

Earth Science Credit Recovery

Credit Recovery - Make Up Courses

A diagnostic driven credit recovery course is designed to give an expanded opportunity for students who did not succeed the first time in the course. Students are given the opportunity in each learning unit to demonstrate their knowledge in that area of study. If they demonstrate competency in their unit assessment they will be presented with the following unit. If they do not demonstrate competency then they are required to do the entire unit.

Requirement: For a student to take a credit recovery course, they must have already taken the class unsuccessfully and have the appropriate seat time.

REQUIRED TEXT: No required text for this course.

COURSE OUTLINE:

- I. Prologue / Introduction
 - a. Observation and Inference
 - b. Percent Deviation
 - c. Density and Graphing
- II. Measuring the Earth
 - a. Latitude and Longitude
 - b. Earth's Shape
 - c. Layers of the Earth
 - d. Maps
- III. Building Blocks of the Earth's Surface
 - a. Minerals
- IV. Rock Types
 - a. Igneous Rocks
 - b. Sedimentary Rocks
 - c. Metamorphic Rocks
 - d. Rock Cycle
 - e. Rock Review
- V. Breakdown of the Earth's Surface
 - a. Weathering
 - b. Soil Formation

VI. Transport of Earth's Surface Materials

- a. Erosion
- b. Deposition

VII. Earthquakes and Plate Tectonics

- a. Earthquakes
- b. Plate Tectonics
- c. Plate Boundaries

VIII. Geologic History

- a. Correlation
- b. Sequence of Events
- c. Radioactive Decay
- d. Geologic History Chart in Reference Tables

IX. Weather

- a. Layers of the Atmosphere
- b. Conduction, Convection and Radiation
- c. Pressure

X. Weather Maps

- a. Station Models
- b. Fronts
- c. Maps

XI. Climate

- a. Factors Affecting Climate
- b. Water Cycle
- c. Landscape Regions

XII. Astronomy 1

- a. Seasons
- b. Insolation

XIII. Astronomy 2

- a. Heliocentric / Geocentric
- b. Ellipses
- c. Stars
- d. Phases of the Moon