



# EARTH SCIENCE IA

## Course Outline: 2351

### I. Textbook Assignment:

#### A. *Wonders of Science: The Earth & Beyond* (5.0 credits)

- Read: Units 1-8.
- Complete: all unit exercises and “Unit Review” activities.
- Complete 3 of the Extension Activities listed below.

### II. Extension Activity Options: (All writing assignments should meet Writing Rubric

1. Use the Internet to conduct research on one of the nine planets in the solar system. Write a one-paragraph summary about the planet, based upon your research. Include the following information:
  - a. Name of planet
  - b. Distance from the sun
  - c. Physical features
  - d. Whether or not it is a “solid” or “gas” planet.
2. Use a newspaper and/or the Internet (Bakersfield Californian or U.S. Weather Service website) to track the temperature in some world city for a 5-day period. Create a line graph to display the temperature patterns. This graph should include temperature and date for each of the 5 days, as well as a heading that includes the city’s name.
3. Complete the following experiment: Place a piece of steel wool outside your house in a place where it will be exposed to the weather. Place another piece of steel wool inside of your home where it will not be disturbed. Examine each piece of steel wool every day for 2 weeks, recording your observations each day in a journal. Write a 1-paragraph summary explaining your findings. Include changes you observed; the differences, if any in the two pieces of steel wool; and an explanation for those differences.
4. Teacher generated activity, approved by the site administrator.

### III. Evaluation

- See your teacher for a unit test.
- All Writing assignments must meet the proficient level of the rubric provided by the teacher.
- All textbook work must meet 70% accuracy level for a “C” grade.