

<b>Earth Science</b>	
Text:	<u>Earth Science</u> , Tarbuck and Lutgens, Prentice Hall, 2009.
Supplemental Materials:	Handouts and Articles provided by instructor during the semester
Course Description:	Earth Science is a one semester (1/2 Unit) course which examines the Earth's composition as well as the surface processes and internal geologic processes that alter the Earth's surface. Course work will include study of the Earth's origin, composition, history and structure. Emphasis will be placed on plate tectonics and the rock cycle, geologic hazards, geologic time and correlation, and the hydrologic cycle. Students are required to complete text reading assignments, conduct investigation and exploration in the lab and complete an independent research project.
Methods of Evaluation:	Students will be evaluated by tests, labs, quizzes, class work and notebook checks.
Pace of Instruction:	Unit 1 Representing the Earth's Surface Unit 2 Composition of the Earth Unit 3 The Earth's Resources Unit 4 Sculpting the Earth's Resources Unit 5 The Dynamic Earth: Part I Unit 6 The Dynamic Earth: Part II Unit 7 Deciphering Earth's History Exam Research Project and Presentation
Course Objectives:	<p>At the end of the course, the students should have an appreciation and understanding of the earth's formation, composition of the earth's surface, the internal/external forces which shape the earth's surface, ongoing changes in the earth's surface, and how human influence impacts these changes.</p> <p>Students will advance their knowledge in the specific areas of minerals, rocks, earth's resources, weathering, soil, running water, ground water, glaciers, deserts, wind, earthquakes, earth's interior, plate tectonics, volcanoes, mountains, geologic time, and the earth's history.</p>
Date Completed	8 August 2009, Edited Sept 2011