

Course Title: EARTH SCIENCE COLLEGE PREP A	Course Description
<p>Course No. 4351 Grade level: 9-12</p> <p>Text and Resources: N/A</p>	<p>Course Value: *One Semester</p> <p>Credit Value: 1 – 5 credits</p>
<p align="center">Course Content: Key Content Standards and Course Objectives</p> <p>The following objectives are based on the Grade 9-12 Earth Science content standards:</p> <ol style="list-style-type: none"> 1. Earth’s place in the Universe: Astronomy and planetary exploration reveal the structure, scale, and change of the solar system over time. 2. Earth’s place in the Universe: Earth-based and space-based astronomy reveals the structure, scale, and change over time of stars, galaxies and the universe. 3. Dynamic Earth Processes: Plate tectonics operating over geologic time has changed the patterns of land, sea, and mountains on the Earth’s surface. 4. California Geology: The geology of California underlies the state’s wealth of natural resources as well as its natural hazards. 5. Structure and Composition of the Atmosphere: Life has changed Earth’s atmosphere and changes in the atmosphere affect conditions for life. <p><u>Investigation and Experimentation</u> Students will ask meaningful questions and conduct careful investigations addressing the content of the above Earth Science standards.</p>	<p>Although focused on the Grade 9-12 Earth Science standards, this course is based upon a more rigorous curriculum than that of the general high school Earth Science course. Research assignments will reflect the College Prep Expository Writing Rubric standards. Teachers, with the approval of their site administrator, will select the appropriate textbook for this course.</p> <p>Through this course students will gain understanding of the physical and chemical processes that formed and continue to operate here on Earth. As they study these standards, students will also learn more about the geological factors that help make California special. Students will become familiar with the evidence that dates the Earth at 4.6 billion years old.</p> <p>*Open entry/open exit</p>
<p align="center">Methods of Study</p> <ol style="list-style-type: none"> 1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher. 	<p align="center">Evaluation of Performance Standards</p> <ol style="list-style-type: none"> 1. Students will complete all assignments with a minimum of 70% accuracy. 2. The supervising teacher will be satisfied with the quality of the student’s work. 3. The student must receive a minimum score of 70% on a teacher assigned final evaluation. 4. Letter grade contracts are optional and require a higher level of performance.