

**Los Angeles Valley College**  
**Course Level Student Learning Outcomes (SLO)**

**Course Name and Number:** Earth Science 4

**Course Objectives:** (List the course objectives as they appear in the course outline of record.)

1. Identify members of our solar system as they appear in the sky as observed from Earth.
2. Analyze the processes of planetary and stellar formation.
3. Compare and contrast the terrestrial and gas giant planets in terms of formation, appearance, and continuing processes.
4. Compare search methods for extrasolar planets and integrate NASA data and resources in appropriate activities.
5. Identify geological processes common throughout our solar system such as volcanism and tectonics.
6. Analyze surface features of other planets to draw conclusions about planetary interiors and evolution.
7. Interpret remote sensing data and imagery.

*Establish 1–2 course level student learning outcomes and indicate how each SLO will be assessed.*

<b>Course Level Student Learning Outcome</b>	<b>Assessment Measure</b>
Explain what may have caused the differences as well as similarities between the planets.	Students will do an end-of-course presentation in which they will explain the processes shaping a selected planet. A rubric will be used to evaluate.