



ALAMO
COLLEGES

PALO ALTO COLLEGE

AS Geology Spring 10

Natural Sciences Degrees

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| #1 | AS Geology Degree Student Learning Outcome Students will communicate an understanding of the nature of the Earth and its history. |
| | Courses in the degree plan that address this outcome GEOL 1404 |
| | Assessment Measure for this Outcome Performance on the Geology 1404 (Historical Geology) Final Exam. |
| | Achievement Target for this Measure 70 or better grade on the final. |
| | Findings The results: only 8 of 14 (57%) students met the achievement target. |
| | Related Action Plans <ul style="list-style-type: none">• Create a test blue print for the final exam• Develop a second program learning outcome and assess it the next program assessment cycle• The results a very anomalous compared to every prior geology 1404 class that has been taught for the past 10 years at Palo Alto. Success rates are usually high. There are two reasons for the low achievement rate this past semester. One is that despite the prerequisite that students have taken Geology 1403 or at least Geology 1401 prior to taking this class over half the class had taken neither. This is a registration problem that needs to be fixed. Second absenteeism was a real part in this particular course. In part this was due to several students that had significant health issues, but some of it was simply immaturity.• Main action plan is to in the future, require that students have had the stated prerequisite for the course. |