**COURSE SLO ASSESSMENT REPORT, SAC**

**Department:** Earth Science/Geology

**Course:** GEOL101

**Faculty Member:** Coyne, Hughes

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| **Semester/Year:** Fall 2015 | **Semester/Year:** Spring 2016 |
| **Institutional SLO** | **Course SLO** | **Method of Assessment** | **Outcomes** | **Plan for Implementation** | **Reassessment** | **Outcome** | **Plan for Implementation** |
| Civic Responsibility  | Assess and evaluate the impact of natural processes on the human environ-ment | Five multiple-choice questions related to natural processes/hazards that occur within southern California. Quiz will be given on first day and last day of classes(Pre and Post assessment quiz)  |

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| --- | --- | --- | --- |
|  | Pre | Post  | % change |
| 1 | 38 | 96 | 58 |
| 2 | 18 | 88 | 70 |
| 3 | 12 | 63 | 51 |
| 4 | 56 | 85 | 29 |
| 5 | 49 | 70 | 21 |

All geology courses showed increases in correct responsesby the end of the semester. | Based on the findings from the data collected, students enter into the geology courses with a limited or in some cases average level of prior knowledge about the topics covered. Discussions at the Department level regarding ways in which we could evaluate where this prior knowledge is attained should be discussed as a means to incorporate methodologies that foster higher-level thinking related to the topics where prior knowledge has already been attained. | No changes were made to the questions asked. Five multiple-choice questions related to natural processes/hazards that occur within southern California. Quiz was given on first day and last day of classes | Posted to TracDat |  |