Insert Academic Degree Name Here

Table 1. Assessment Results and Analyses for Current Cycle.

STAGE 1: PLAN			STAGE 2: DO		STAGE 3: STUDY	
Departmental Student Learning Goal	Program Student Learning Outcome	Assessment	Assessment Method/Locati on	Benchmark Expectations	Data Results	Actions/Goals Based on Data Results* What do the data tell you? How will you use this data? How were data from the last cycle used to make changes during this cycle, and What were the results of those changes?
No goals set.	Outcome-1: Undergraduate	Each year we will use input				

Undergraduate Geology students will develop proficiency in critical thinking as demonstrated using geologic principles while solving geologic problems using various techniques such as microscopy, mathematics, graphical representations, computational interpretations, and identification of minerals, rocks, and fossils.

from the following courses if they are taught that year: GEOL 2471, GEOL 3420, GEOL 3450, GEOL 4330, GEOL 4101 (Geophysics Lab), GEOL 4410, and GEOL 4420 to assess the students' geologic problem-solving skills (including

critical thinking)

					designed to improve the students' performance in this skill area. Students also scored below the target in "Mathematical analysis and solution of geologic problems." in GEOL 4330 Geophysics Lecture, but this did not occur in any other course so the average of all courses for this skill met the target. So, no action plan is needed for this skill.	determine if the action plan is working or needs further modification. We will not be able to implement an action plan for GEOL 4420 Paleontology because the instructor passed away during the semester he was teaching the course. The class was completed by another instructor that was not a Paleontologist, so we believe that this is in part the reason the students did not meet the target set. We can not modify the lab at this time because we have nobody to teach the course yet. We are currently searching for a Paleontologist and it is likely that the new faculty member will teach the lab differently. Therefore we will wait on the next assessment cycle after the course is taught again to determine what to do. Will also consider raising the target to 80% Fair or better in each listed skill in the 2023-2024 assessment plan.
No goals set.	Outcome-2: Undergraduate Geology students will develop field skills as demonstrated by the ability to perform geologic mapping and data gathering.	Each year we will use input from the following courses if they are taught that year: GEOL 3420, GEOL	Instructors of the selected courses will rank student performance of the various skills determined to	The target is an expectation of 75% Fair or better in each listed skill category when averaged for all	The average of all courses assessed showed that for all the skills assessed 75% or more of the students scored	No improvement plan needed. Will consider raising the target to 80% Fair or better in each

3600, GEOL
4101 (Physical
Geography &
Geomorphology
Lab), GEOL 4101
(Geophysics
Lab), and GEOL
4410 as a forum
to evaluate the

geology skills.

be important for Outcome-1 on a rubric where each skil for each student is

where each skill for each student is ranked as Very Poor, Poor, Fair, Good, and Exemplary, then entered

then entered into an Excel spreadsheet. The percentage of all the students falling into each ranking for each skill is then calculated.

courses assessed for this outcome.

Fair or better for all the skills assessed.

Table 2. Continuous Improvement Results Since Last Report

Stage 4: ACT		
Actions/Goals Based on Data Results *Copy last cycle's actions/goals and report on progress toward continuous improvement on those here.	Status C=Complete P=Progressing N=No Action Taken	Discussion of Status If C, describe efforts that led to accomplishment of actions/goals. If P, provide update on progress made toward accomplishing actions/goals and what tasks remain If N, discuss why action toward accomplishing actions/goals has been delayed and what work will be initiated toward accomplishment.
Outcome-1: Based on initial results in the Fall semester of 2022 for GEOL 3450 Petrology Lab, having fewer samples for the students to identify, and review for the lab exam, has helped. The students are able to spend more time on the most important samples and thus have more time to understand what properties of the rocks identify an unknown as a certain type of rock. We will have to wait until the 2022-2023 assessment results to see if this actually resulted in improved performance on the identification skill. We will need to wait until we teach GEOL 4420 Paleontology again before we can determine if the fossil identification skill is still a problem. If it is, we will implement an action plan at that time. Will consider raising the target to 80% Fair or better in each listed skill in the 2023-2024 assessment plan. Outcome-2: Will consider raising the target to 80% Fair or better in each listed skill in the 2023-2024 assessment plan.	N	For GEOL 3450 Petrology, there was some improvement seen, but we will wait for the 2022-2023 assessment to determine if there was enough improvement after the action plan was initiated. We will need to wait until GEOL 4420 Paleontology is taught again and assessed before we can say if an action plan is needed for the lab or not. Getting a new instructor may be the only thing that is needed.
Will consider raising the target to 80% Fair or better in each listed skill in the 2023-2024 assessment plan.		

Outcome-3:	N	
Will consider raising the target to 80% Fair or		
better in each listed skill in the 2023-2024		
assessment plan.		