

Insert Academic Degree Name Here

Annual Program Report Template

Year:	2022-23
Program:	Earth Sciences
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Summary of Continuous Improvement Efforts since Last Report

Table 1. Assessment Results and Analyses for Current Cycle.

STAGE 1: PLAN

STAGE 2: DO

data, record this
data, analyze it, and

Poor

Fair

Good

Exemp1CID 31.1`

			<p>landforms, structures, rocks, and minerals correctly 70% to 79% of the time.</p> <p>Identifies geologic landforms, structures, rocks, and minerals correctly 80% to 89% of the time.</p> <p>Identifies geologic landforms, structures, rocks, and minerals correctly 90% of the time or better.</p> <p>Ability to employ appropriate field techniques of data gathering</p> <p>Does not use appropriate field techniques</p>			
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			<p>to gather field data.</p> <p>Rarely uses appropriate field techniques to gather field data.</p> <p>Occasionally uses appropriate field techniques to gather field data.</p> <p>Frequently uses appropriate field techniques to gather field data.</p> <p>Consistently uses appropriate field techniques to gather field data</p> <p>Ability to record field observations in a field notebook in the appropriate format</p> <p>Does not record field</p>			
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			<p>observations in a field notebook correctly and in the appropriate format.</p> <p>Rarely records field observations in a field notebook correctly and in the appropriate format</p> <p>Occasionally records field observations in a field notebook correctly and in the appropriate format.</p> <p>Frequently records field observations in a field notebook correctly and in the appropriate format</p> <p>Consistently records field observations in a field notebook correctly and in</p>			
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			the appropriate format			
	<p>Undergraduate Earth Science students will develop proficiency in oral and written communication of scientific thinking applied to Earth Science concepts as demonstrated through oral presentations and technical writings. The rationale for this outcome is to determine if our students have the ability to effectively communicate Earth Science concepts to other Earth Scientists, as well as non-specialists, orally and in writing.</p>	Oral and written communication	<p>Each year we will use input from the following courses if they are taught that year: GEOL 2377, and GEOL 3101 (Assistant geology lab instructor) and GEOL 4360, as forums to evaluate the communication skills. Participating faculty members teaching the above courses will be asked to complete the following rubric at the end of their courses. Results from each class will be changed to the percentage of students falling into each quality category (Very Poor to</p>	<p>The target is an expectation of 70% Fair or better in each listed skill category. This would occur for example with a normal distribution of 10% Very Poor, 20% Poor, 40% Fair, 20% Good, and 10% Exemplary.</p>	<p>Target met. Five students scored >70% Fair in each listed skill category. Three scored Good and two Fair.</p>	<p>More earth sciences courses should be included when evaluating written communication skills. This will be implemented in the 2023-2024 academic year assessment plan.</p> <p>The assessment plan for 2023-2024 will also have an increase in the target to an expectation of 75% Fair or better for each listed skill to determine where improvement is most needed.</p>

			<p>Exemplary). These percentages will be averaged for each skill and each category to determine the total percentage scores for each skill and quality category.</p> <p>Very Poor</p> <p>Poor</p> <p>Fair</p> <p>Good</p> <p>Exemplary</p> <p>Organization and clarity of Geol 1403 & 1404 lab assignments and other expectations of lab students</p> <p>Does not present organized and clear instructions</p>			
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			<p>and expectations of lab students</p> <p>Rarely presents organized and clear instructions and expectations of lab students</p> <p>Occasionally presents organized and clear instructions and expectations of lab students</p> <p>Frequently presents organized and clear instructions and expectations of lab students</p> <p>Consistently presents organized and clear instructions and expectations of lab</p>			
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			<p>Writing Skills (clarity, sentence structure, spelling, grammar, reference citation)</p> <p>Does not demonstrate excellent writing skills.</p> <p>Rarely demonstrates excellent writing skills</p> <p>Occasionally demonstrates excellent writing skills</p> <p>Frequently demonstrates excellent writing skills</p> <p>Consistently demonstrates excellent writing skills</p>			
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			Does not record data in notebooks accurately nor in the appropriate format. . .			
			Rarely records data in notebooks accurately and in the appropriate format			
			Occasionally records data in notebooks accurately and in the appropriate format.			
			Frequently records data in notebooks accurately and in the appropriate format			

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