ALAMO COLLEGES

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AS Environmental Studies

Natural Sciences Degrees

#1	AS Environmental Studies Degree Student Learning Outcome Students will evaluate both perpetual/renewable energy resources and nonrenewable resources giving advantages and disadvantages of the utilization of both as a source of power in the future.
	Courses in the degree plan that address this outcome BIOL 2306
	Assessment Measure for this Outcome Specific questions on Exam #5 for BIOL 2306 Student responses will be assessed using the rubric: Exceeds Expectations, Meets Expectations, Does Not Meet Expectations
	Achievement Target for this Measure 70% of the responses for the questions will either Exceed Expectations or Meet Expectations
	Findings: • There were 48 students enrolled in the 3 on campus sections I taught. • Of the 48 students enrolled in on campus sections, 43 took exam #5. • On exam 5, students were to select 2 of 3 discussion questions, therefore not all students would select the energy question. The number of students selecting the question was 21. • The number of students meeting expectations (scoring at least a 7 out of 10 on this question) was 15. • This calculates to be 71.4% • The online students take their course through a learning management system (LMS) called Blackboard Vista. • The discussions are randomly selected by the LMS. • On Exam 5, there were 9 of 14 discussion questions on energy resources. • Of 16 students, 13 took exam 5. • There were 12 students that had an energy question. • A total of 28 questions were asked of these 12 students with 16 questions being answered at a level that meets expectations. • This calculates to be a success rate of 57% for online students meeting expectations.
	Related Action Plans • For online class sections, I need to reprogram the exam to include a mandatory question that all students will be offered. • Develop at least one more program outcome and assess it on the next program assessment cycle

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