Assessment: Course Four Column

Courses (SCI) - Environmental Studies

ENV 100:Humans and the Environment

Course Outcomes	Assessment Measures	Results	Actions
Abiotic and biotic natural resources - Identify abiotic and biotic natural resources and discuss the deep complexities of their interactions. General education correlates: Scientific Reasoning **Course Outcome Status:** Active **Next Assessment:** 2022-2023	**Exam -** Exam 1-3 **Criterion:** 60%	**Reporting Period:** 2017-2018 **Criterion Met:** Yes Exam 1: 71% Exam 2: 73% Exam 3: 78% Results Analysis: The criterion is met, but I believe this is the area of the course that needs most improvement. See below. (01/31/2019)	**Action:** Include more essay type questions in the exams to allow students to demonstrate the breadth of their knowledge. See Notes below. (01/31/2019)
Scientific data and the application of these data - Explore scientific data and the application of these data to society through analysis, synthesis and evaluation of human impact in the environment. General education correlates: Scientific Reasoning **Course Outcome Status:** Active **Next Assessment:** 2022-2023	**Homework -** Online homework **Criterion:** 60%	**Reporting Period:** 2017-2018 **Criterion Met:** Yes Homeworks 1- 15: 87% Results Analysis: Students performed really well on the online homework and it helped them to apply the material. (01/31/2019)	
Environmental decisions are made relative to concepts of ecosystems, population principles, energy utilization and pollution - Discuss and critique how environmental decisions are made relative to concepts of	**Discussion -** Online Discussion 1-3 **Criterion:** 60%	**Reporting Period:** 2017-2018 **Criterion Met:** Yes Discussion 1: 80% Discussion 2: 80% Discussion 3: 87%	**Action:** Incorporate more discussions in the future. (01/31/2019)

ecosystems, population principles, energy utilization and pollution General education correlates: Scientific Reasoning **Course Outcome Status:** Active **Next Assessment:** 2022-2023		Results Analysis: Students performed really well on these discussions and it was a really good opportunity for them to interact with their instructor and fellow classmates. (01/31/2019)	
Synthesize and evaluate information to make informed decisions about how humans and technology interact with the environment - Synthesize and evaluate information to make informed decisions about how humans and technology interact with the environment. General education correlates: Scientific Reasoning **Course Outcome Status:** Active **Next Assessment:** 2022-2023	**Exam -** Exams 1-3 **Criterion:** 60%	**Reporting Period:** 2017-2018 **Criterion Met:** Yes Exam 1: 71% Exam 2: 73% Exam 3: 78% Results Analysis: See comments below. (01/31/2019)	**Action:** Include more essay type questions in the exams to allow students to demonstrate the breadth of their knowledge. See Notes below. (01/31/2019) **Follow-Up:** This was my first time teaching an online course and overall I am pleased with how it went. If I were to teach it again, I think the exams are the main area that I would improve upon. I used mostly multiple choice type questions and I think students had difficulty with this. In the future, I would re-write these questions and also include more essay and short answer type questions that would allow students to apply their knowledge more. I believe the best part of this course was the online discussions. It was really clear to me that students were engaged in the material and were actually concerned about their interactions with the environment. This was really rewarding for me and the students seemed to enjoy it as well. In the future, I would include more than three discussions and I would

Course Outcomes	Assessment Measures	Results	Actions
			encourage the students to interact more with their fellow students, perhaps by having this be part of the assignment. I think it is really the best way to get to know the students in the online class and I would definitely include more in the future. Additionally, to encourage students to watch the lecture, I could include discussion posts or assignments that they answer by watching my recorded lectures. I think this would further help with student comprehension and engagement. (01/31/2019)