

Assessment, Improvement, Measurement (AIM) Report: 12/20/2013**Plan Year:** 2011-2012**Unit:** Environmental Technology**Coordinator(s):** Jean Watts, Karman Wheeler**Reviewer:** Tammy Liles

Objective or Outcome	Measure(s)			
	Measure Text	Achievement Target	Results	Use of Findings/Next Steps
SLO 1 - Graduates will be able to keep a field log as part of the sampling process. the field log is an important component (legal document) associated with the sample process.	Sampling is going to be based on observation and the utilization of a 40 point rubric.	Class average will be 80% or better	Class average was 83%.	Examining results showed that the "standard information" section was the lowest scored for most students. Therefore the focus for next year will be on enhancing the focus on the importance of the standard information section.
SLO 2 - Graduates will demonstrate information literacy by collection and evaluation of scientific literature ("science roundtable discussions")	Students select an article from an appropriate topic (approved by the faculty), summarizing and presenting their findings to the class. A rubric is used to evaluate the presentation and summary.	All students will score 70% or better.	Class average was 82%	Students earned the lowest scores in application of the analytical method and the study outcomes sections, therefore, enhanced focus will be placed on interpreting those sections next year.
SLO 3 - The graduates will be able to process and manipulate scientific data.	Students are assessed on their ability to create a file and process the data to include seven different statistical measures and graphs.	A 75% or higher is expected of all graduates on the graphing and statistics methods portion of the final examination.	Class average was 85%	Students missed points most often by conducting the Q test after processing all data which skews all data, therefore, enhanced focus will be placed on the correct order of operations next year.