



Departmental Assessment Analysis
(DAA form)

"Capturing the meaning of the assessment for the program."

Instructions:

After departmental discussion and review of SLAS forms, complete the following form.

Submit form to SLO Taskforce by census date.

DAA forms will be published as "results" on the Sierra College Accreditation/SLO website

Program/Degree/ Certificate:	Physics
Today's Date:	12/17/2018
What does the department think it can do to improve teaching and learning?	To learn how to properly analyze and evaluate uncertainties in scientific investigations the student must continually practice the process of error analysis. The lab exam in Physics 205L and the incorporation of this process in each and very laboratory experiment in Physics 205L, 210L, and 215L has helped in this endeavor. Our plan is to continue this practice.
What help or resources are needed from the college to improve teaching and learning?	None
What are top priorities for improvement?	Continue to stress the practice of error analysis in scientific investigations in lab courses of the 200 series.
How will department implement those priorities?	Through labs and exams.
Provide timeline.	Ongoing
Previous/ongoing actions or plans implemented (Refer to previous DAA form).	N/A
Goals met, changes made or evidence of improvement.	Evidence supports that students are learning to properly analyze and evaluate experimental uncertainties in scientific investigations.