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:	Engineering, Fall 2018
Today's Date:	08/14/2018
What does the department think it can do to improve teaching and learning?	1. Faculty development / training specific to machine operations 2. Course content updating (software, websites, YouTube videos, etc.) 3. Integrate new equipment and machines into existing courses 4. Hold more department meetings
What help or resources are needed from the college to improve teaching and learning?	1. Increase the staffing (course offerings) 2. Increase instructional modes (example – bring in more how-to YouTube instructional videos) 3. Increase the sharing of course materials between all instructors (within ENGR) and departments (ENGR-MECH-PHYS).
What are top priorities for improvement?	1. **Increase the engineering department funding** (both new equipment and maintenance)
How will department implement those priorities?	Priorities are well documented and justified within the ePAR/TRATDAT system. This will be presented to Administration for approval. Thus far, the administration has not been willing to fund engineering fully. Professors plan to share information on lectures, both content and methods, at department meetings throughout the semester.
Provide timeline.	FALL 2019 for new equipment Analyze and update and optimize course content each year (ongoing)
Previous/ongoing actions or plans implemented (Refer to previous DAA form).	Engineering proposed and achieved two new courses to be offered in the Fall2018 semester. This is ENGR110: Intro to Engineering Design & ENGR220: MATLAB Programming for Engineers.
Goals met, changes made or evidence of improvement.	One new section of ENGR110 and ENGR220 was added to the FALL2018 schedule. The MicroVU machine (measurement) was added to the ENGR 37 course