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 semi-annually. Due by census date.

<table>
<thead>
<tr>
<th>Program/Degree/Certificate:</th>
<th>Mechatronics</th>
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| What does the department think it can do to improve teaching and learning? | Investigate and implement methods to encourage more reading of course–related material outside of class.  
Expand support for activities above and beyond assigned coursework. |
| What help or resources are needed from the college to improve teaching and learning? | Support for outside-of-class work such as open labs, clubs and an innovation lab / maker space.  
Office space and expansion of hours for part-time office hours.  
Initiate (at TTC) and continue to fund (at NCC) open lab hours. |
| What are top priorities for improvement? | More outside-of-class reading.  
Support for student work beyond assigned coursework. |
| How will department implement those priorities? | Institute “pre-quizzes” or other methods to encourage reading on topics before the lecture on that topic. Leverage Canvas capabilities where possible / appropriate for this effort.  
Expand the Robotics club range of activities and support the Sierra College “Innovation Lab Initiative”. |
| Provide timeline. | Pilot program of “pre-quizzes” or related activities in Fall 2014, evaluate results at end of semester.  
Provide a department representative to all meetings and other activities of the Innovation Lab Initiative |