**San Bernardino Valley College**

**SLO Course Summary Report Form**

Due annually to the Division Office on the date grades are due

(for each course assessed)

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| Division: |  | Technical October 3, 2012 |  |
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| Course # and Title: |  | Aero 107.2 General | Airframe and Powerplant, FAA Certificate |
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| Student Learning Outcome | SLO #1 Student will demonstrate the ability to calculate aircraft weight and balance.SLO #2 Student will demonstrate the ability to Research textbooks, maintenance manuals and other written material and be able to explain in writing and verbally the operation, servicing troubleshooting and repair of aircraft systems and components.. |
| Assessment Method | SLO #1 Oral and written testing (assessment) of student descriptions of component discrepancies, along with student descriptions of necessary corrective actions with respect to FAA and industry standards.SLO #2Oral and written testing (assessment) of student knowledge of aircraft systems. |
| Criteria – what is “good enough”? Rubric | 7 out of 10 possible points, per project/assessment.10 points - excellent work 9 points - above average work 8 points - average 7 points - below average |
| What % of students met the criteria? Is this % satisfactory? | 90%. The few students who received a 7 decided to re-do the assignment to a higher acceptable standard.Yes |
| Were trends evident in the outcomes?Are there learning gaps? | Yes. Some students were more motivated then others to complete the work in a timely manner. Also, some students were asked to re-do research projects (SLO#2) when insufficient data was reported. No. All students eventually completed all assignments at the minimal acceptable standard. |
| What content, structure, strategies might improve outcomes? | Having supervised computer research time in the lab for students to complete research assignments will likely improve the amount and quality of data submitted the first time. This research data would be in the form of digital service and repair manuals on the lab computers.  |
| Will you change assessment method and or criteria? | Not at this time.  |
| Will you rewrite the SLO? If so, please identify.  | No |