**SLO Cycle Assessment Form**

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| **1. Course Number &**  **Date form was completed** | * Course:   AG138 | * Date:  9/20/12 |
| **2. People involved in summarizing & evaluating data (minimum of two)** | * Dr. Patrick Pauley * Steve Burch | |
| **3. Semester data were collected (e.g., Spring 2011)** | Fall 2011 | |
| **4. Please list the SLO(s) that was (were) assessed. Write it out.** | 1. Discuss the use and importance of GPS/GIS in the production of food and feed crops (ILO1, ILO2, ILO3, ILO4). 2. Read and interpret maps, identify key features and differences that would be expected to influence crop production (ILO2, ILO4). 3. Demonstrate accurate use and repeatability of GPS equipment (ILO2, ILO4). | |
| **5. Data results**  Briefly summarize the data. | Students were required to complete an assignment in which they were required to use GPS technology to create a map with way points and then return to predetermined locations. Additional assessments were conducted with student analysis of field maps where they identified features such as salinity incursion that would diminish crop yield. Student reports also included discussion of GPS/GIS use for enhanced production i.e.: as needed application. | |
| **6a. Course/Program Improvements**  **Please describe what change(s) you plan to implement based on the above results**  **6b**. **Will this include a change to the curriculum (i.e., course outline)?**  Yes  No X | None needed at this time as data indicates that concepts and skills were mastered by all students that were enrolled in the course under evaluation. | |
| **7.** When SLOs were previously written, Institutional Learning Outcomes (ILOs) were identified as part of that process.  **How did the SLO(s) contribute to student acquisition of the Institutional Learning Outcome(s) (ILOs)?**  For example, if ILO #1 (communication skills) was identified as being related to this SLO, then please write a sentence or two supporting the relationship.  **IVC’s 5 ILOs:**  **ILO1 = Communication Skills**  **ILO2 = Critical Thinking Skills**  **ILO3 = Personal Responsibility**  **ILO4 = Information Literacy**  **ILO5 = Global Awareness** | ILO1 demonstrated by oral and written submission of results obtained from field maps  ILO2 demonstrated via correct assessment of map data and application to measured outcome  ILO3 Assignment completed & submitted  ILO4 The assigned task would not have been able to be completed and submitted without demonstrating proper ability to find, analyze & use information necessary to complete to task | |
| **8. Next year**  **Was the process effective? Will you change the outcome/assessment (e.g., alter the SLO, assessment, faculty discussion process, strategy for providing SLO to students)?**  **If so, how?** | Appearances are that current instructional practices are effective and that no change is needed at this time. | |
| **9. After Thoughts**  **Feel free to celebrate, vent, or otherwise discuss the process** |  | |