**Program Student Learning Outcomes Assessment Summary**

**(AY 2012-2013)**

**Program Student Learning Outcomes (PSLOs)**

At the completion of the **Agriculture and Food Technology certificate**, the student will be able to:

1. Demonstrate overall knowledge of the crop production process,
2. Practice good agricultural management and marketing skills,
3. Identify and demonstrate the fundamentals of food processing, preparation techniques, the relationship  between the scientific principle and cooking procedures
4. Identify and demonstrate the basic skills and principles of swine and poultry production techniques,  including breed selection, feed, housing, management techniques and animal health,
5. Apply the basic skills and knowledge of nursery micro-propagation practices, transplanting, harvesting,  and maintenance,
6. Identify the proper use of land for agriculture purposes, local ornamental, and turf management.

**PSLO Assessment Report Summary**

**What we looked at:**

The Agriculture and Food Technology certificate, assessment focused on PSLOs 2, 3, 4, and 6. Listed below are the results for each of the PSLOs.

**What we found:**

* PSLO#2: Results was based on number of students taken related courses in Spring 2013. 84% were exemplary.
* PSLO#3: Results is based on passing and completion rate from Fall 2012 to Spring 2013 in related courses. Fall 2012 82% of students were exemplary. Spring 2013 58% were exemplary. In all, total of 52 students enrolled in related courses and out of 52 14 were unsatisfactory and 73% were exemplary.
* PSLO#4: 42 students completed related course during Spring 2013 and 33 out 45 were exemplary. 73% show good progress.
* PSLO#6: Total of 55 students enrolled and completed related course in Fall 2013. 6 out of 55 were unsatisfactory. 89% were exemplary.

**What we are planning to work on:**

* Modify existing program requirements and courses to meet students' needs and improve retention and completion rates.

**Recommendations for students:**