**Program Student Learning Outcomes Assessment Summary**

**(AY 2012-2013)**

**Program Student Learning Outcomes (PSLOs)**

At the completion of the **Computer Information System Program**, the student will be able to:

1. To provide the students an in-depth knowledge of computer information systems necessary for them to understand and appreciate how CIS fits to the achievement of an organization’s objectives.
2. To provide literacy training on basic software productivity tools such as word processing, spreadsheets, electronic presentations, desktop publishing, internet and other office applications.
3. To help the students understand and apply various computer information systems tools such as database design and management, webpage engineering, programming and networking.
4. To ingrain to the students the necessity of continuous upgrading to keep at pace with the ever-changing nature of the information and communications technology. 5. To prepare graduates of this program to advance to a higher information and communications technology program.

**PSLO Assessment Report Summary**

**What we looked at:**

The Computer Information SystemProgram, assessment focused on PSLOs 1 and 4. Listed below are the results for each of the PSLOs.

**What we found:**

* PSLO#1:
  + 54 out of 68 students or 79.4% got 'C' or better as their final grade
* PSLO#4:
  + 111 out of 139 students or 79.8% students got 'C' or better as their final grade

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

* Course Modification Request for both IS220 (Programming) and IS230 (Database Design) has already been forwarded to CAC for review
* Lecture materials, Exercises, Quizzes and Exams are revised based on the area that needs clarification or expansion (i.e. Lectures) and re-wording (i.e. Exercises).

**Recommendations for students:**

Students who have not taken MS100 or if one has taken but has failed, they generally do not do well in programming class (IS220) and database design (IS230), which requires logical thinking in solving problems. Course modifications are under way to change pre-requisites that include MS100. However, on the other hand students are encouraged to do well in their Math classes before proceeding to IS220 or IS230 classes, possibly getting ‘B’ or better. Aside from math, reading comprehension is also a problem especially in activities that involves reading and understanding word problems in programming (IS220) and instructions in SQL (Structure Query Language) activities for Database Design (IS230). Thus, students should do very well Advanced Reading class or should have at least a grade of ‘C’ but preferably ‘B’ or ‘A’.