

# **Program Student Learning Outcomes Assessment Summary (AY 2016-2017)**

## **Program Student Learning Outcomes (PSLOs)**

At the completion of the (AAS) **Electronics Technology**, the student will be able to:

5. Perform troubleshooting techniques to maintain and resolve hardware/software related problems in a personal computer system.
6. Perform troubleshooting techniques to maintain, diagnose, and repair electronic equipment and devices.

## **PSLO Assessment Report Summary**

### **What we looked at:**

The Electronics Technology assessment focused on PSLOs 5 and 6. Listed below are the results for each of the PSLOs.

### **What we found:**

- In VEE 224 (Video Product Servicing), 11 out of 11 or 100 % of the students pass the assessment and were able to repair Television (TV) and computer monitor, Video Cassette Recorder (VCR), CD and DVD player.
- In VTE 225 (Business Machine Servicing) 13 out of 13 or 100 % of the students pass the assessment and were able to troubleshoot and repair Fax machine, Computer printer, Cash register and Microwave oven

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

- Include audio servicing in the program.
- Video circuits now a days are getting smaller and integrated removal of components on a double sided board need special tool such as infra-red solder workstation, soldering pumps and tweezers. At the moment we don't have such special tool. But planning to purchase.
- Add more space to store the business machine we are troubleshooting on this class. Purchase new model of printers, copier and a scanner type cash register for continuous improvement of the course.

### **Recommendations for students:**

Students must have a grade of "C" or better in Math and English courses, this proficiency level help the student to meet the course work in Electronics Technology courses. Likewise should meet every course prerequisite of each courses in the program to assure program completion in two years.

Competency on using different test instruments and related electronics devices, identify and test passive and active electronics component and able to read block, wiring and schematic diagram before taking the advance courses in telecommunication program.