**Program Student Learning Outcomes Assessment Summary**

**(AY 2012-2013)**

**Program Student Learning Outcomes (PSLOs)**

At the completion of the **Electronic Engineering Technology** **certificate**, the student will be able to:

1. Practice Safety and occupational health procedures in the workplace.
2. Use electronic tools and test equipment competently.
3. Interpret schematic diagrams and waveforms.
4. Build electronic projects to a given specification.

**PSLO Assessment Report Summary**

**What we looked at:**

The Electronic Engineering Technology certificate assessment focused on PSLOs 1, 2, 3, 4, 5, and 6. Listed below are the results for each of the PSLOs.

**What we found:**

* PSLO#1: VEE 224 result: 2 students got an A, 8 students got a B and 1 got F for absenteeism. 91% of the students got a grade higher than 70% or C. VEE 225 result: 1 students got an A, 11 students got a B and 1 student got F for absenteeism. 92% of the students got a grade higher than 70% or C.
* PSLO#2: In VEE 135, 14 out of 14 or 100% of the students got a grade of C and better. In VEE 135, 29 out of 29 students or 100% got a grade of C or better in the course.
* PSLO#3: In VEE 240,15 out of 15 or 100% of the students got a grade of "C" and better. In VEE 240, 14 out of 15 or 93% of the students receive a grade of C and better.
* PSLO#4: 13 out of 14 students (93%) achieved a grade of 70% or better in the performance exam
* PSLO#5: 29 students were assessed. 15 out of 29 students were exemplary; 10 out of 29 students were developing; 4 out of 29 students were unacceptable. There were 29 students assessed. 15 out of 29 students were exemplary; 10 out of 29 students were developing; 4 students were found unacceptable. 29 students were assessed. 5 out of 29 students were exemplary; 15 out of 29 students were developing; 9 students were found unacceptable. 29 students were assessed. 5 out of 29 students were rated as exemplary, 20 out of 29 students were rated as developing, and 4 out of 29 students were found as unacceptable
* PSLO#6: In VEE 224, 12 out of 12 or 100% of the students got a grade of "C" and better in the course. In VEE 225, 12 out of 13 or 92% of the students got a grade of "C" and better in the course. VEE 224 result: There were 2 students got A , 8 students got B and 1 got F for absenteeism. 91% of the students got a grade higher than 70% or C. VEE 225 result: 1 students got A, 11 students got B and 1 student got F for absenteeism. 92% of the students got a grade higher than 70% or C.

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

* Students who were assessed as developing need more time to practice in order to master the skill. Develop additional opportunities for students to do more of this kind of skills.
* Develop and implement more opportunities for students to do more on this particular task. Class project: Repair and restore old/dysfunctional computer systems.
* Students who were unacceptable or developing had difficulty with the reading materials. It is recommended that ESL089 should be a pre-requisite of this course. Create a class in which students will also enroll in the same section of EN123 Technical Communication class. Several of my lessons and a class project (power-point presentation) involved a lot of communication skills. The two courses could be complementing each other on these lessons.
* Must include LCD and LED TV technology on the course outline.

**Recommendations for students:**