

Review of Performance: (VEE 235/P1&P2 Digital 2, Fall 2018, 6 students)

Submitted by: Nelchor Permitez Ed. D.

**Institutional Student Learning Outcomes (ISLO):**

- ILO1: Effective oral communication
- ILO2: Effective written communication
- ILO3: Critical thinking
- ILO4: Problem Solving
- ILO5: Intercultural knowledge and competence
- ILO6: Information literacy
- ILO7: Foundation and skills for life long learning
- ILO8: Quantitative reasoning

**Program Student Learning Outcomes (PSLO)**

- PL01: Practice Safety and occupational health procedures in the workplace.
- PL02: Use electronic tools and test equipment competently.
- PL03: Interpret schematic diagrams and waveforms.
- PL04: Build electronic projects to a given specification.
- PL05: Practice a career in the Telecomm Industry.
- PL06: Troubleshoot microwave, fiber optics and telephone system.

<b>SLO#</b>	<b>Program SLO#</b>	<b>I, D, M</b>	<b>ISLO</b>	<b>Reflection/Comment</b>
1. Demonstrate knowledge in the operations of register, memory, and microprocessor circuits.	Interpret schematics diagrams and waveforms.	D	7	<p>The SLO was assess using hands-on troubleshooting and written quiz and examination.</p> <p>Students need more time in hands-on and other practical procedure to reach mastery level performance.</p>

				6 students (0 female and 6 male) out of 6 students (100%) pass the SLO assessment.
2. Show understanding in digital arithmetic counting circuits.	Interpret schematics diagrams and waveforms.	D	7	<p>The SLO was assess using hands-on troubleshooting and written quiz and examination.</p> <p>Students need more time in hands-on and other practical procedure to reach mastery level performance.</p> <p>6 students (0 female and 6 male) out of 6 students (100%) pass the SLO assessment.</p>
3. Exhibit knowledge in data conversion, selector and distributor circuits.	Interpret schematics diagrams and waveforms.	M	7	<p>The SLO was assess using hands-on troubleshooting and written quiz and examination.</p> <p>Students need more time in hands-on and other practical procedure to reach mastery level performance.</p> <p>6 students (0 female and 6 male) out of 6 students (100%) pass the SLO assessment.</p>

**Additional observations:** Needs more NIDA cards for digital set to accommodate growing number of students in electronics and telecommunication program..

**Special comments:** 6 students (100%) got a grade of “C” and higher.

**Recommendations:** Time to purchase new 4 sets of NIDA trainer console, logic probes and test probes of DVM to replace the worn out devices and instruments.

Submitted by:

Date: December 14, 2018

**Nelchor Permitez**  
Professor Telecomm/Electronics  
CTEC