

**Review of Performance:** VEM 110 Workshop Fabrication, Fall 2016, 18 students) P2 (Electronics)  
**Submitted by:** Danilo S. Ibarrola

**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:** Foundations and skills for life-long learning.
- ILO8:** Quantitative reasoning.

**Program Learning Outcomes (PLO)**

- PLO1:** Practice Safety and occupational health procedures in the workplace.
- PLO2:** Use electronic tools and test equipment competently.
- PLO3:** Interpret schematic diagrams and waveforms.
- PLO4:** Build electronic projects to a given specification.

SLO#	Program SLO#	I, D, M	ISLO	Reflection/Comment		
				Course Result	Target Met	
1. Identify safety procedure in the electronics workshop.	2, 4	I	6	Course Result	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>18</b> (15 male & 3 female) out of <b>18</b> students ( <b>100%</b> ) completed the CSLO.	
				Target Met	Yes	
2. Demonstrate the use of electronics hand tools and equipment in the workshop.	2, 4	I, D	6	Course Result	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>18</b> (15 male & 3 female) out of <b>18</b> students ( <b>100%</b> ) completed the CSLO.	
				Target Met	Yes	

3. Identify the different wires, cables, connectors and perform splicing procedures.	2, 4	I, D	6	<b>Course Result</b>	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>15</b> (13 male & 2 female) out of <b>18</b> students ( <b>83.33%</b> ) completed the CSLO.
				<b>Target Met</b>	Yes
4. Terminate and connect wires, cables and connectors.	2, 4	I, D	6	<b>Course Result</b>	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>15</b> (13 male & 2 female) out of <b>18</b> students ( <b>83.33%</b> ) completed the CSLO.
				<b>Target Met</b>	Yes
5. Test wires, cables and connectors linkages.	2, 4	D, M	6	<b>Course Result</b>	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>15</b> (13 male & 2 female) out of <b>18</b> students ( <b>83.33%</b> ) completed the CSLO.
				<b>Target Met</b>	Yes
6. Rework wire, cables and connectors assembly	2, 4	D, M	6	<b>Course Result</b>	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>14</b> (12 male & 2 female) out of <b>18</b> students ( <b>77.8%</b> ) completed the CSLO.
				<b>Target Met</b>	Yes

**Special comments:** 15 out of 18 or 83.33% of the students got a grade of C or higher and 3 or 16.67% got D & F.

**Summary of Grades:**

**A+** = **0**  
**A** = **2**  
**A-** = **0**  
**B+** = **5**  
**B** = **3**

<b>B-</b>	<b>=</b>	<b>1</b>
<b>C+</b>	<b>=</b>	<b>2</b>
<b>C</b>	<b>=</b>	<b>1</b>
<b>C-</b>	<b>=</b>	<b>1</b>
<b>D+</b>	<b>=</b>	<b>0</b>
<b>D</b>	<b>=</b>	<b>1</b>
<b>D-</b>	<b>=</b>	<b>0</b>
<b>F</b>	<b>=</b>	<b>2</b>

**Recommendations:** Wire, cables and connectors must be sufficiently provided or purchase before the beginning of the semester so that lab exercises will be well performed by the students in a timely manner. Student tool kits should also be ordered earlier and distributed to them at least on the 2nd week of the semester.

Signature:     **DANILO S. IBARROLA**  
                  Instructor

**Date:** DEC. 2016