

Review of Performance: VEM 110 Workshop Fabrications/P1 (Electronics)
 Submitted by: Cirilo Recana

No. of Student: 17
 Semesters: Fall 2014

Institutional Student Learning Outcomes (ISLO's)

1. Effective oral communication
2. Effective written communication
3. Critical thinking
4. Problem solving
5. Intercultural knowledge and competence
6. Information literacy
- 7. Foundations and skills for life-long learning**
8. Quantitative reasoning

Program Learning Outcomes (PLO's)

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

SLO#	PLO	I, D, M	ISLO	Reflection/Comment		
SLO#1 Identify safety procedure in the electronics workshop.	2, 4	I (introduced level)	7	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:		
				No. of students	Score	Comment
				2	69 or lower	Failed
				15	70 or better	Passed
				88% of the students passed		
SLO#2 Demonstrate the use of electronics hand tools and equipment in the workshop.	2, 4	I,D (introduced and demonstrate level)	7	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:		
				No. of students	Score	Comment
				2	69 or lower	Failed
				15	70 or better	Passed

				88% of the students passed									
SLO#3 Identify the different wires, cables, connectors and perform splicing procedure.	2, 4	I, D (introduced level)	7	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:</p> <table border="1"> <thead> <tr> <th>No. of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>69 or lower</td> <td>Failed</td> </tr> <tr> <td>16</td> <td>70 or better</td> <td>Passed</td> </tr> </tbody> </table> <p>94% of the students passed</p>	No. of students	Score	Comment	1	69 or lower	Failed	16	70 or better	Passed
No. of students	Score	Comment											
1	69 or lower	Failed											
16	70 or better	Passed											
SLO#4 Terminate and connect wires, cables and connectors.	2, 4	I, D, (introduced and demonstrate level)	7	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:</p> <table border="1"> <thead> <tr> <th>No. of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>69 or lower</td> <td>Failed</td> </tr> <tr> <td>15</td> <td>70 or better</td> <td>Passed</td> </tr> </tbody> </table> <p>88% of the students passed</p>	No. of students	Score	Comment	2	69 or lower	Failed	15	70 or better	Passed
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2	69 or lower	Failed											
15	70 or better	Passed											
SLO#5 Test wires, cables and connectors linkage.	2, 4	D, M (demonstrate and mastery level)	7	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:</p> <table border="1"> <thead> <tr> <th>No. of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>69 or lower</td> <td>Failed</td> </tr> <tr> <td>16</td> <td>70 or better</td> <td>Passed</td> </tr> </tbody> </table> <p>94% of the students passed</p>	No. of students	Score	Comment	1	69 or lower	Failed	16	70 or better	Passed
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1	69 or lower	Failed											
16	70 or better	Passed											
SLO#6 Rework wire, cables and connectors assembly.	2, 4	D, M (demonstrate and mastery level)	7	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:</p> <table border="1"> <thead> <tr> <th>No. of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>69 or lower</td> <td>Failed</td> </tr> </tbody> </table>	No. of students	Score	Comment	2	69 or lower	Failed			
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2	69 or lower	Failed											

				15	70 or better	Passed
				88% of the students passed		

FINAL GRADES BREAKDOWN:

A = 5 B = 8 C = 3 D = 0 F = 1

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. It is also suggested that at least a maximum of 15 students per class must be followed to accommodate them properly in the workshop especially during their activities.

Signature: **Cirilo B. Recana**
Electrical Instructor

Date Submitted: December 2014