

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

No. of Student: 17
 Semesters: Spring 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)	6	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:									
				<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>	No. of students	Score	Comment	2	69 or lower	Failed	15	70 or better	Passed
				No. of students	Score	Comment							
				2	69 or lower	Failed							
15	70 or better	Passed											
12% failed, 88% passed													
SLO#2 Demonstrate the use of electronics hand tools and equipment in the workshop.	2, 4	I,D (introduced and demonstrate level)	6	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. Result of assessment is shown below:									
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2	69 or lower	Failed											
15	70 or better	Passed											

				12% failed, 88% passed									
SLO#3 Identify the different wires, cables, connectors and perform splicing procedure.	2, 4	I,D (introduced level)	6	<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>6% failed, 94% 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)	6	<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>12% failed, 88% passed</p>	No. of students	Score	Comment	2	69 or lower	Failed	15	70 or better	Passed
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SLO#5 Test wires, cables and connectors linkage.	2, 4	D, M (demonstrate and mastery level)	6	<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>6% failed, 94% passed</p>	No. of students	Score	Comment	1	69 or lower	Failed	16	70 or better	Passed
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SLO#6 Rework wire, cables and connectors assembly.	2, 4	D, M (demonstrate and mastery level)	6	<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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FINAL GRADES BREAKDOWN:

A = 3 B = 6 C = 6 D = 0 F = 2

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: May 2014