

Review of Performance: (**VEE 224 Video Product Servicing**, Spring 2015, 19 students)
 Submitted by: Nelchor Permitez Ed. D.

Institutional Learning Outcomes (ILO)

- 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.
- PLO5: Perform troubleshooting techniques to maintain and resolve hardware / software related problems in a personal computer system.
- PLO6: Perform troubleshooting techniques to maintain, diagnose and repair electronic equipment and devices.

SLO#	Program SLO#	I, D, M	ILO	Reflection/Comment
1. Repair television (TV) and computer monitor system.	Perform troubleshooting techniques to maintain, diagnose, and repair electronic	D	2,3,4,5	<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. Already modify the course outline to include flat screen TV (Plasma, LED and</p>

	equipment and devices.			<p>LCD) in the course to be updated.</p> <table border="1"> <thead> <tr> <th>Letter Grade</th> <th>Number of student</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>3</td> </tr> <tr> <td>B</td> <td>8</td> </tr> <tr> <td>C</td> <td>8</td> </tr> </tbody> </table>	Letter Grade	Number of student	A	3	B	8	C	8
Letter Grade	Number of student											
A	3											
B	8											
C	8											
2. Repair video cassette recorder (VCR).	Perform troubleshooting techniques to maintain, diagnose, and repair electronic equipment and devices.	D	2,3,4,5	<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. They also find it interesting to witness how the mechatronics technology works in a small machine of VCR.</p> <table border="1"> <thead> <tr> <th>Letter Grade</th> <th>Number of student</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>2</td> </tr> <tr> <td>B</td> <td>9</td> </tr> <tr> <td>C</td> <td>8</td> </tr> </tbody> </table>	Letter Grade	Number of student	A	2	B	9	C	8
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A	2											
B	9											
C	8											
3. Repair compact disc (CD)	Perform troubleshooting techniques to maintain,	M	2,3,4,5	<p>The SLO was assess using hands-on troubleshooting and written quiz and examination.</p>								

players.	diagnose, and repair electronic equipment and devices.			<p>Students need more time in hands-on and other practical procedure to reach mastery level performance. Need to purchase additional 3 oscilloscope for signal tracing and monitoring during diagnostics procedure.</p> <table border="1" data-bbox="793 399 1774 667"> <thead> <tr> <th data-bbox="793 399 1285 467">Letter Grade</th> <th data-bbox="1285 399 1774 467">Number of student</th> </tr> </thead> <tbody> <tr> <td data-bbox="793 467 1285 532">A</td> <td data-bbox="1285 467 1774 532">3</td> </tr> <tr> <td data-bbox="793 532 1285 597">B</td> <td data-bbox="1285 532 1774 597">9</td> </tr> <tr> <td data-bbox="793 597 1285 667">C</td> <td data-bbox="1285 597 1774 667">7</td> </tr> </tbody> </table>	Letter Grade	Number of student	A	3	B	9	C	7
Letter Grade	Number of student											
A	3											
B	9											
C	7											
4.Repair digital video disc (DVD) player.	Perform troubleshooting techniques to maintain, diagnose, and repair electronic equipment and devices.	M	2,3,4,5	<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. Need to purchase additional 3 oscilloscope for signal tracing and monitoring during diagnostics procedure.</p> <table border="1" data-bbox="793 1005 1774 1271"> <thead> <tr> <th data-bbox="793 1005 1285 1073">Letter Grade</th> <th data-bbox="1285 1005 1774 1073">Number of student</th> </tr> </thead> <tbody> <tr> <td data-bbox="793 1073 1285 1138">A</td> <td data-bbox="1285 1073 1774 1138">3</td> </tr> <tr> <td data-bbox="793 1138 1285 1203">B</td> <td data-bbox="1285 1138 1774 1203">8</td> </tr> <tr> <td data-bbox="793 1203 1285 1271">C</td> <td data-bbox="1285 1203 1774 1271">8</td> </tr> </tbody> </table>	Letter Grade	Number of student	A	3	B	8	C	8
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C	8											

Additional observations: : Need to purchase testing equipment at least 3 digital oscilloscope to be use in the fault finding and diagnosing electronics circuits failure.

Special comments: There were 3 students got A, 8 students got B and 8 got C. 100% of the student got a grade of " C" and higher

Recommendations: Modify the course outline and include liquid crystal display (LCD) video, light emitting diode (LED) video and plasma video technology and increase number of time for hands-on. Increase number of time for hands-on while retaining the 4 credits. Example 2 hour lecture and 9 hrs lab.

Signature: _____

Date May 8, 2015

Name typed, position