

Review of Performance: (VTE 281 Cellular Phone Servicing, Spring 2017, 12 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: 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: Practice a career in the Telecomm Industry.
- PLO6: Troubleshoot microwave, fiber optics and telephone system.

SLO#	Program SLO#	I, D, M	ISLO	Reflection/Comment		
1. Describe the fundamentals and operation of a cellular phone.	Interpret schematic diagrams and waveforms.	D	4,7	The SLO was assess using written test (quiz) and hands-on troubleshooting		
				Number of students	Score	Comment

				<table border="1"> <tr> <td>12</td> <td>70 or better</td> <td>Passed</td> </tr> <tr> <td>0</td> <td>69 or lower</td> <td>Failed</td> </tr> </table> <p><i>Observation:</i> Students were able to describe the fundamentals and operation of a cellular phone.</p>	12	70 or better	Passed	0	69 or lower	Failed			
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2. Describe and inspect the common parts of a cellular phone.	Interpret schematic diagrams and waveforms.	D	4,7	<p>The SLO was assess using written test (quiz) and hands-on troubleshooting</p> <table border="1"> <thead> <tr> <th>Number of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>70 or better</td> <td>Passed</td> </tr> <tr> <td>0</td> <td>69 or lower</td> <td>Failed</td> </tr> </tbody> </table> <p><i>Observation:</i> Students were able to describe and inspect the common parts of a cellular phone.</p>	Number of students	Score	Comment	12	70 or better	Passed	0	69 or lower	Failed
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3. Identify and test cellular phone accessories and attachments.	Interpret schematic diagrams and waveforms.	M	4,7	<p>The SLO was assess using written test (quiz) and hands-on troubleshooting</p> <table border="1"> <thead> <tr> <th>Number of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>70 or better</td> <td>Passed</td> </tr> </tbody> </table>	Number of students	Score	Comment	12	70 or better	Passed			
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4. Identify and describe symptoms and troubles of a cellular phone using service manual procedures	Interpret schematic diagrams and waveforms.	M	4,7	<p>The SLO was assess using written test (quiz) and hands-on troubleshooting</p> <table border="1"> <thead> <tr> <th>Number of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>70 or better</td> <td>Passed</td> </tr> <tr> <td>0</td> <td>69 or lower</td> <td>Failed</td> </tr> </tbody> </table> <p><i>Observation:</i> Students were able to identify and describe symptoms and troubles of a cellular phone using service manual procedures.</p>	Number of students	Score	Comment	12	70 or better	Passed	0	69 or lower	Failed
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5. Troubleshoot hardware and software problems commonly encountered in a cellular phone.	Interpret schematic diagrams and waveforms.	M	4,7	<p>The SLO was assess using written test (quiz) and hands-on troubleshooting</p> <table border="1"> <thead> <tr> <th>Number of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>70 or better</td> <td>Passed</td> </tr> <tr> <td>0</td> <td>69 or lower</td> <td>Failed</td> </tr> </tbody> </table> <p><i>Observation:</i> Students were able to troubleshoot hardware and software problems</p>	Number of students	Score	Comment	12	70 or better	Passed	0	69 or lower	Failed
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				commonly encountered in a cellular phone.									
6. Assemble and disassemble different brands of cellular phones	Troubleshoot microwave, fiber optics and telephone system.	M	4,7	<p>The SLO was assess using written test (quiz) and hands-on troubleshooting</p> <table border="1"> <thead> <tr> <th>Number of students</th> <th>Score</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>70 or better</td> <td>Passed</td> </tr> <tr> <td>0</td> <td>69 or lower</td> <td>Failed</td> </tr> </tbody> </table> <p><i>Observation:</i> Students were able to assemble and disassemble different brands of cellular phones.</p>	Number of students	Score	Comment	12	70 or better	Passed	0	69 or lower	Failed
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Recommendations: Make VTE 281 as a required course for Telecommunication program and not only as elective course. The course need a lead free solder station, a digital microscope with a camera and fine tip soldering iron for SMD soldering.

Signature: NELCHOR T. PERMITEZ
Professor

Date: May 14, 2018