

**Review of Performance:** VEE 100 Soldering and Mechanical Termination Techniques Fall 2017, (15 students) P1  
**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:** Inter-cultural 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	
1. Identify and perform the techniques for printed circuit track and pad repair as well as component insertion and extraction.	Practice safety and occupational health procedures in the workplace.	D	6, 7	<b>Course Result</b>	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>15</b> (14 male & 1 female) out of <b>15</b> students ( <b>100%</b> ) completed the CSLO.
				<b>Target Met</b>	Yes
2. Select the correct connection type and create reliable solder	Use electronics tools and test equipment competently.	D	6, 7	<b>Course Result</b>	SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>15</b>

<p>joints using basic hand soldering techniques.</p>					<p>(14 male &amp; 1 female) out of <b>15</b> students (<b>100%</b>) completed the CSLO.</p>
				<b>Target Met</b>	Yes
<p>3. Demonstrate the correct method of terminating basic connector.</p>	<p>Use electronics tools and test equipment competently.</p>	M	6, 7	<b>Course Result</b>	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>14</b> (13 male &amp; 1 female) out of <b>15</b> students (<b>93%</b>) completed the CSLO.</p>
				<b>Target Met</b>	Yes
<p>4. Describe the characteristics of, and the procedures for making good wire wrap connection.</p>	<p>Use electronics tools and test equipment competently.</p>	M	6, 7	<b>Course Result</b>	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline. <b>14</b> (13 male &amp; 1 female) out of <b>15</b> students (<b>93%</b>) completed the CSLO.</p>
				<b>Target Met</b>	Yes
<p>5. Test basic wiring connector.</p>	<p>Use electronics tools and test equipment competently.</p>	M	6, 7	<b>Course Result</b>	<p>SLO was assessed by written test questions using the assessment criteria as stated in the course outline <b>14</b> (13 male &amp; 1 female) out of <b>15</b> students (<b>93%</b>) completed the CSLO.</p>
				<b>Target Met</b>	Yes

**Special comments:** 14 out of 15 or 93.33% of the students got a grade of C and higher and 1 or 6.67% got a grade of F.

**Summary of Grades:**

**A+ = 0**  
**A = 0**  
**A- = 0**  
**B+ = 3**  
**B = 5**  
**B- = 4**  
**C+ = 1**  
**C = 1**  
**C- = 0**

<b>D+</b>	<b>=</b>	<b>0</b>
<b>D</b>	<b>=</b>	<b>0</b>
<b>D-</b>	<b>=</b>	<b>0</b>
<b>F</b>	<b>=</b>	<b>1</b>

**Recommendations:** Students need more time in soldering practices, tool kits order in the bookstore is insufficient in number which is why some students does not have tools, need to include current trends in soldering procedure in the course and some students did not come to school after the mid-term.

Signature:      DANILO S. IBARROLA  
                          Instructor

**Date:** DEC. 2017