

Assessment Impact by Course Objectives  
Palau Community College  
Program (AC) - Air Conditioning and Refrigeration Technology

**Program (AC) - Air Conditioning and Refrigeration Technology**

**CLO: WE 110 - Oxyacetylene: CLO 1**

Set up oxyacetylene welding equipment and accessories.

**CLO Assessment Cycle:** 2014-2015 (Spring 2015)

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Explain how to set up the oxyacetylene welding equipment and accessories. <b>Signature assignment:</b> Midterm Exam	70% of the students assessed will perform at the proficiency level.		Yes
Properly set up cylinders with regulators and adjust fittings with pressures adjusted according to specifications. <b>Signature assignment:</b> Practical Application Task List	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Practical Application Task List - 06/30/2015 - 90% of the students assessed performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE CLO1-3.pdf</a>	06/30/2015 - Expected performance in CLO'2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)
Midterm Exam - 06/30/2015 - 90% of the students assessed performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE CLO1-3.pdf</a>	06/30/2015 - Expected performance in CLO'2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Practical Application Task List - 07/07/2014 - 100% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE110 CLO1 skills.pdf</a>	07/07/2014 - No action needed at this time.		2013 - 2014 (Spring 2014)
Midterm Exam - 07/07/2014 - 100% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE110 CLO1 miterm.pdf</a>	07/07/2014 - No action needed at this time.		2013 - 2014 (Spring 2014)

### CLO: WE 110 - Oxyacetylene: CLO 2

Weld sheet metal and pipe.

**CLO Assessment Cycle:** 2014-2015 (Spring 2015)

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Produce a welding work passing visual inspection, root bend test and face bend test.  <b>Signature assignment:</b> Project	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Project - 06/30/2015 - 63% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">WE CLO2-4.pdf</a>	06/30/2015 - Expected performance in CLO 2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)
Project - 07/07/2014 - 42% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">WE110 CLO2 skills.pdf</a>	07/07/2014 - Expected performance in CLO2,3,and 5 were not met. These need to be improved. For this reason, it is recommended that:  1. Students must attend the class regularly. It has been observed that the more they come to class,		2013 - 2014 (Spring 2014)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
	<p>much better they learn.</p> <p>2. It is highly important that equipment and tools such as oxygen, acetylene gases and other needed consumables be available before the class starts.</p>		

**CLO: WE 110 - Oxyacetylene: CLO 3**

Perform brazing and torch soldering.

**CLO Assessment Cycle:** 2014-2015 (Spring 2015)

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Produce a brazed and soldered joints work with no leaks which will pass visual inspection and a bend test.	70% of the students will perform at the proficiency level.		Yes
<b>Signature assignment:</b> Project			

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Project - 06/30/2015 - 80% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE CLO1-3.pdf</a>	06/30/2015 - Expected performance in CLO 2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)
Project - 07/07/2014 - 42% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">WE110 CLO3 skills.pdf</a>	07/07/2014 - Expected performance in CLO2,3,and 5 were not met. These need to be improved. For this reason, it is recommended that:  1. Students must attend the class regularly. It has been observed that the more they come to class, much better they learn.  2. It is highly important that equipment and tools such as oxygen, acetylene gases and other needed consumables be available before the class starts.		2013 - 2014 (Spring 2014)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed

**CLO: WE 110 - Oxyacetylene: CLO 4**

Cut a steel plate with cutting torch manually.

**CLO Assessment Cycle:** 2014-2015 (Spring 2015)

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Produce a perfect cut which is square and angular.  <b>Signature assignment:</b> Project	70% of the students assessed will perform at the proficiency level.		Yes
Produce a perfect cut showing regular surface with slightly sloping drug lines which can be used for many purposes without machining. Flame properly adjusted to neutral flame. No slag can be seen.  <b>Signature assignment:</b> Practical Application Task List	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Practical Application Task List - 06/30/2015 - 90% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE CLO2-4.pdf</a>	06/30/2015 - Expected performance in CLO 2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)
Project - 06/30/2015 - 90% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE CLO2-4.pdf</a>	06/30/2015 - Expected performance in CLO 2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Project - 07/07/2014 - 85% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE110 CLO4 skills.pdf</a>	07/07/2014 - No action needed at this time.		2013 - 2014 (Spring 2014)
Practical Application Task List - 07/07/2014 - 85% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE110 CLO4 skills.pdf</a>	07/07/2014 - No action needed at this time.		2013 - 2014 (Spring 2014)

### CLO: WE 110 - Oxyacetylene: CLO 5

Interpret welding symbols in a blueprint.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Read welding symbols correctly. <b>Signature assignment:</b> Final Exam	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Final Exam - 06/30/2015 - 81% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">WE CLO5.pdf</a>	06/30/2015 - Expected performance in CLO 2, was not met the proficiency level expected.  General Analysis: Students who were not gifted in welding meet difficulty in performing this CLO, constant practice is needed.  There must be a consistent encouragement for them to attend their class.		2014 - 2015 (Spring 2015)
Final Exam - 07/07/2014 - 57% of the students assessed performed at the proficiency level. ( Midterm exam) <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">WE110 CLO5 midterm.pdf</a>	07/07/2014 - Expected performance in CLO2,3,and 5 were not met. These need to be improved. For this reason, it is recommended that:  1. Students must attend the class regularly. It has been observed that the more they come to class, much better they learn.		2013 - 2014 (Spring 2014)

**Results**

**Summary of Data Collected**

**Use of Results**

**Follow-Up**

**Semester Assessed**

2. It is highly important that equipment and tools such as oxygen, acetylene gases and other needed consumables be available before the class starts.