

Assessment Impact by Course Objectives  
Palau Community College  
Program (GE) - General Electronics Technology

**Program (GE) - General Electronics Technology**

**CLO: GE 115 - Electronic Tools, Test Instruments & Measurements: CLO 1**

Solder and De-solder Electronic Components.

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

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Using soldering pencil and hot air soldering iron the student will de-soldering and soldering electronics component on the circuit board with quality, good appearance, apply safety procedures, and should finish it on time. <b>Signature assignment:</b> Performance Test	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Performance Test - 12/18/2015 - 100% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO1Level5.rar</a>	12/18/2015 - In fall 2014 to fall 2015 100% of the students who performed at the proficiency level demonstrate the ability to solder and De-solder electronics components, therefore no action needed at this time.		2015-2016 (Fall 2015)
Performance Test - 12/18/2014 - 100% of the student assessed performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO1 Level3.rar</a> <a href="#">CLO1 Level4.rar</a> <a href="#">CLO1 Level5.rar</a>	12/18/2014 - No change needed at this time		2014 - 2015 (Fall 2014)
Performance Test - 01/08/2014 - 100% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a>	01/08/2014 - no change needed at this time		2013 - 2014 (Fall 2013)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
<a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a>			

**CLO: GE 115 - Electronic Tools, Test Instruments & Measurements: CLO 2**

Design Electronic Printed Circuit Board.

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

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Base on the schematic diagram the student will manually design the printed circuit board of their project, etch, drill and mount all the electronics component on it with good quality and appearance, apply safety procedures, and should finish it on time <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 - 12/18/2015 - 100% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO2Level5.rar</a>	12/18/2015 - When action plan in previous assessment in GE 115 ( Fall 2014) was implemented, the students' performance in CLO2 were improved to proficiency level, therefore no further action needed at this time just continue to implement the previous recommendations.		2015-2016 (Fall 2015)
Project - 12/18/2014 - 63% of the students assessed performed at the proficiency level <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">CLO2 Level5.rar</a>	12/18/2014 - Though 63% of the student in fall 2014 performed proficiency level compare to student in fall 2013 student should always be advice to come to the class, provide extra effort and time to finish their projects. Instructional Materials for student projects should always purchased in advance.		2014 - 2015 (Fall 2014)
Project - 01/08/2013 - 0% of the student performed proficiency level <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">Project</a>	01/08/2013 - Due to nonavailability of materials this CLO was not assessed properly. The student did not able to complete their project.		2013 - 2014 (Fall 2013)

**CLO: GE 115 - Electronic Tools, Test Instruments & Measurements: CLO 3**

Check and Measure the Electrical Properties of a Circuit Using Analog and Digital Multi-meter.

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

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Using the Analog and Digital multi-meter the student will measure the resistance, current, and voltage of an electronic circuit, interpret the results of measured value, apply the proficiency level. safety procedures, and should finish it on time. <b>Signature assignment:</b> Performance Test	70% of the students assessed will perform at		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Performance Test - 12/18/2015 - 100% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO3Level4.rar</a> <a href="#">CLO3Level5.rar</a>	12/18/2015 - In fall 2014 to fall 2015 100% of the students who performed at the proficiency level demonstrate the ability to check and measure the electrical properties of a circuit using analog and digital multi-meter. ,therefore no action needed at this time.		2015-2016 (Fall 2015)
Performance Test - 12/18/2014 - 88% of the students assessed performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO3 Level5.rar</a>	12/18/2014 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Fall 2014)
Performance Test - 01/08/2014 - 83% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a>	01/08/2014 - no changes needed at this time		2013 - 2014 (Fall 2013)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			

**CLO: GE 115 - Electronic Tools, Test Instruments & Measurements: CLO 4**

Check and Measure the Electrical Properties of a Signal Using Oscilloscope.

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

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Using an oscilloscope the student will setup the instrument properly, measure the different properties of an electrical signal, interpret the results of measured value, apply safety procedures, and should finish it on time. <b>Signature assignment:</b> Performance Test	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Performance Test - 12/18/2015 - 100% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO4Level4.rar</a> <a href="#">CLO4Level5.rar</a>	12/18/2015 - When action plan in previous assessment in GE115 ( Fall 2014) was implemented, the students' performance in CLO4 were improved to proficiency level, therefore no further action needed at this time just continue to implement the previous recommendations.		2015-2016 (Fall 2015)
Performance Test - 12/18/2014 - 63% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">CLO4 Level4.rar</a> <a href="#">CLO4 Level5.rar</a>	12/18/2014 - In spite of the instructor and program adviser advice, still 37% of the student failed to give extra time and effort to practice and develop their skill in oscilloscope setup and reading. I therefore recommend to increase the number of contact hours in oscilloscope setup and reading from 10 hours to 15 hours.		2014 - 2015 (Fall 2014)
Performance Test - 01/08/2014 - 67% of the students assessed performed proficiency level. <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">Performance test</a> <a href="#">Performance test</a> <a href="#">Performance test</a>	01/08/2014 - Student should be given more time and encourage them to use their free time to come back on the the shop to practice setup and reading of oscilloscope.		2013 - 2014 (Fall 2013)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			
<a href="#">Performance test</a>			

**CLO: GE 115 - Electronic Tools, Test Instruments & Measurements: CLO 5**

Utilized Other Tests Instruments (Function Generator and RF Signal Generator).

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

**CLO Status:** Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Using RF/Function generator the student will setup and calibrate the generator properly, hookup to oscilloscope, measure the different properties of the generated signal, apply safety procedures, and finish it on time. <b>Signature assignment:</b> Performance Test	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Performance Test - 12/18/2015 - 100% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> Yes <b>Related Documents:</b> <a href="#">CLO5Level5.rar</a>	12/18/2015 - When action plan in previous assessment in GE115 ( Fall 2014) was implemented, the students' performance in CLO5 were improved to proficiency level, therefore, no further action needed at this time just continue to implement the previous recommendations.		2015-2016 (Fall 2015)
Performance Test - 12/18/2014 - 63% of the student performed at the proficiency level <b>Expected Student Performance Met:</b> No <b>Related Documents:</b> <a href="#">CLO5 Level5.rar</a>	12/18/2014 - In spite of the instructor and program adviser advice, still 37% of the student failed to give extra time and effort to practice and develop their skill in oscilloscope setup and reading. I therefore recommend to increase the number of contact hours in Function and RF Generator hookup and utilization from 5 hours to 10 hours.		2014 - 2015 (Fall 2014)
Performance Test - 01/08/2014 - 100% of the students assessed performed at the proficiency level. <b>Expected Student Performance Met:</b> Yes	01/08/2014 - No changes needed at this time		2013 - 2014 (Fall 2013)

## Results

Summary of Data Collected

Use of Results

Follow-Up

Semester Assessed

### Related Documents:

[Performance test](#)

[Performance test](#)

[Performance test](#)

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