

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

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CLO: GE 217 - Industrial Control Technology: CLO 1

Diagnose and repair problems of interface driver circuit and controller circuit.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
The student will locate the specific troubles of interface circuit and actuating device, replace and repair the defective parts , clean , and operate it. Signature assignment: 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 - 05/29/2015 - 100% of the students assessed in CLO1 performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: CLO1Level5.zip	05/29/2015 - When action plan in previous assessment in GE 217 (Spring 2014) was implemented, the students' performance in CLO1 were improved to proficiency level, therefore no further action needed at this time just continue to implement the previous recommendations		2014 - 2015 (Spring 2015)
Project - 05/25/2014 - Not able to assess this CLO Expected Student Performance Met: No Related Documents: CLO1 and CLO2 Level 0.rar	05/25/2014 - None of the student was assessed on this CLO because there are no materials available for the student to build their project. The requested off-Island materials for the student was forwarded by the instructor on Dec 23, 2013 to the Academic Affairs Office and the materials arrive only on the 15th week of the training (April 21, 2014). The course needs a faster action from the Academic Affairs and Finance office to purchase on time the materials needed by the student before the start of the class.		2013 - 2014 (Spring 2014)

CLO: GE 217 - Industrial Control Technology: CLO 2

Diagnose and repair problems of actuators and Input/Output devices.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
The student will locate the specific troubles of interface circuit and actuating device, replace and repair the defective parts , clean , and operate it. Signature assignment: 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 - 05/29/2015 - 100% of the students assessed in CLO2 performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO2Level5.zip	05/29/2015 - When action plan in previous assessment in GE 217(Spring 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.		2014 - 2015 (Spring 2015)
Project - 05/25/2014 - Not able to assess this CLO Expected Student Performance Met: Yes Related Documents: CLO1 and CLO2 Level 0.rar CLO1 and CLO2 Level 0.rar	05/25/2014 - None of the student was assessed on this CLO because there are no materials available for the student to build their project. The requested off-Island materials for the student was forwarded by the instructor on Dec 23, 2013 to the Academic Affairs Office and the materials arrive only on the 15th week of the training (April 21, 2014). The course needs a faster action from the Academic Affairs and Finance office to purchase on time the materials needed by the student before the start of the class		2013 - 2014 (Spring 2014)

CLO: GE 217 - Industrial Control Technology: CLO 3

Setup and configure the robot arm to the PC controller.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
The student will disassemble and assemble a robot Arm, manually test the operation, install the software to the computer ,hookup the Robot arm to the computer, and develop different programs with proper operation, efficiency and flexibility. Signature assignment: 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

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Project - 05/29/2015 - 100% of the students assessed in CLO3 performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO3Level5.zip	05/29/2015 - In spring 2014 to spring 2015 100% of the students who performed at the proficiency level demonstrate the ability to Setup and configure the robot arm to the PC controller,therefore no action needed at this time.		2014 - 2015 (Spring 2015)
Project - 05/25/2014 - 100% of the students assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO3 Level 5.rar	05/25/2014 - Though all the student achieved proficiency level on this CLO3 the course still need a faster action from the Academic Affairs and Finance office to purchase on time the materials needed by the student before the start of the class.		2013 - 2014 (Spring 2014)

CLO: GE 217 - Industrial Control Technology: CLO 4

Develop programs to run the robot arm.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
The student will disassemble and assemble a robot Arm, manually test the operation, install the software to the computer ,hookup the Robot arm to the computer, and develop different programs with proper operation, efficiency and flexibility. Signature assignment: 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 - 05/29/2015 - 100% of the students assessed in CLO4, performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO4Level5.zip	05/29/2015 - In spring 2014 to spring 2015 100% of the students who performed at the proficiency level demonstrate the ability to develop programs to run the robot arm,therefore no action needed at this time.		2014 - 2015 (Spring 2015)
Project - 05/25/2014 - 100% of the students assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO4 Level 4.rar CLO4 Level 5.rar	05/25/2014 - Though all the student achieved proficiency level on this CLO4 the course still need a faster action from the Academic Affairs and Finance office to purchase on time the materials needed by the student before the start of the class.		2013 - 2014 (Spring 2014)

CLO: GE 217 - Industrial Control Technology: CLO 5

Setup and configure the PLC device.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
The student will wire the I/O devices to PLC, setup and configure the parameters of PLC, test the operation of PLC, develop different programs with proper operation, efficiency and flexibility. Signature assignment: 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 - 05/29/2015 - 100% of the students assessed in CLO5 performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO5Level5.zip	05/29/2015 - When action plan in previous assessment in GE 217(Spring 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.		2014 - 2015 (Spring 2015)
Project - 05/25/2014 - Not able to assess this CLO Expected Student Performance Met: No Related Documents: CLO5 Level 0.rar	05/25/2014 - None of the student was assessed on this CLO because there are no materials available for the student to build their project. The requested off-Island materials for the student was forwarded by the instructor on Dec 23, 2013 to the Academic Affairs Office and the materials arrive only on the 15th week of the training (April 21, 2014). The course needs a faster action from the Academic Affairs and Finance office to purchase on time the materials needed by the student before the start of the class.		2013 - 2014 (Spring 2014)

CLO: GE 217 - Industrial Control Technology: CLO 6

Develop PLC programs.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
The student will wire the I/O devices to PLC, setup and configure the parameters of PLC, test the operation of PLC, develop different programs with proper operation, efficiency and flexibility. Signature assignment: 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 - 05/29/2015 - 100% of the students assessed in CLO6 performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO6Level4.zip	05/29/2015 - From spring 2014 to spring 2015 100% of the students who performed at the proficiency level demonstrate the ability to Develop PLC programs, therefore no action needed at this time.		2014 - 2015 (Spring 2015)
Project - 05/25/2014 - 100% of the students assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: CLO6 Level 4.rar	05/25/2014 - Though all the student achieved proficiency level on this CLO the course still need a faster action from the Academic Affairs and Finance office to purchase on time the materials needed by the student before the start of the class.		2013 - 2014 (Spring 2014)