

Assessment Impact by Course Objectives

Palau Community College

Program (AC) - Air Conditioning and Refrigeration Technology

Program (AC) - Air Conditioning and Refrigeration Technology

CLO: AC 111 - Fundamentals of Refrigeration: CLO 1

Explain the principles of heat transfer and how cold preserves food.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Explain principles of heat transfer. Signature assignment: Midterm 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
Midterm Exam - 01/04/2016 - 100% of student assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 Artifacts.pdf	02/16/2016 - The expected student performance was met; therefore, the program will continue to offer the course, assess the course and make changes when necessary. PLAN OF ACTION / ADDITIONAL COMMENTS Continue the usual administrative support to ensure students' success.		2015-2016 (Fall 2015)
Midterm Exam - 12/22/2014 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AC 111 - A - CLO 1 - 4 A.jpg AC 111 - A - CLO 1 - 4 B.jpg AC 111 - A - CLO 1 - 4 C.jpg AC 111 - B - CLO 1 - 4 A.jpg AC 111 - B - CLO 1 - 4 B.jpg AC 111 - B - CLO 1 - 4 C.jpg	12/22/2014 - Based on the faculty discussion about the compiled result, the course assessment achieved all the criteria for success and therefore no further actions need to be done to improve the course for the meantime		2014 - 2015 (Fall 2014)
Midterm Exam - 12/30/2013 - 100% of students assessed performed at the proficiency level.	12/30/2013 - Based on the faculty discussion about the compiled result, the course assessment achieved		2013 - 2014 (Fall

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Expected Student Performance Met: Yes Related Documents: AC 111 Midterm.pdf	all the criteria for success and therefore no further actions need to be done to improve the course for the meantime; continue the usual administrative support to ensure students' success.		

CLO: AC 111 - Fundamentals of Refrigeration: CLO 2

Compare Fahrenheit, Celsius, Kelvin, and Rankine temperatures and use temperature conversion formulas to convert from one temperature scale to another.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Convert temperature from one scale to another. Signature assignment: Midterm 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
Midterm Exam - 01/04/2016 - 100% of student assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 Artifacts.pdf	01/04/2016 - The expected student performance was met; therefore, the program will continue to offer the course, assess the course and make changes when necessary. PLAN OF ACTION / ADDITIONAL COMMENTS Continue the usual administrative support to ensure students' success.		2015-2016 (Fall 2015)
Midterm Exam - 12/22/2014 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AC 111 - A - CLO 1 - 4 A.jpg AC 111 - A - CLO 1 - 4 B.jpg AC 111 - A - CLO 1 - 4 C.jpg AC 111 - B - CLO 1 - 4 A.jpg AC 111 - B - CLO 1 - 4 B.jpg AC 111 - B - CLO 1 - 4 C.jpg	12/22/2014 - Based on the faculty discussion about the compiled result, the course assessment achieved all the criteria for success and therefore no further actions need to be done to improve the course for the meantime.		2014 - 2015 (Fall 2014)
Midterm Exam - 12/30/2013 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes	12/30/2013 - Based on the faculty discussion about the compiled result, the course assessment achieved all the criteria for success and therefore no further actions need to be done to improve the course for		2013 - 2014 (Fall 2013)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Related Documents: AC 111 Midterm.pdf	the meantime; continue the usual administrative support to ensure students' success.		

CLO: AC 111 - Fundamentals of Refrigeration: CLO 3

Name and explain the physical law of thermodynamics applied to refrigeration.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Explain physical law of thermodynamics. Signature assignment: Midterm 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
Midterm Exam - 01/04/2016 - 100% of student assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 Artifacts.pdf	01/04/2016 - The expected student performance was met; therefore, the program will continue to offer the course, assess the course and make changes when necessary. PLAN OF ACTION / ADDITIONAL COMMENTS Continue the usual administrative support to ensure students' success.		2015-2016 (Fall 2015)
Midterm Exam - 12/22/2014 - 100% students assessed perform at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 - A - CLO 1 - 4 A.jpg AC 111 - A - CLO 1 - 4 B.jpg AC 111 - A - CLO 1 - 4 C.jpg AC 111 - B - CLO 1 - 4 A.jpg AC 111 - B - CLO 1 - 4 B.jpg AC 111 - B - CLO 1 - 4 C.jpg	04/13/2015 - No action needed at this time.		2014 - 2015 (Fall 2014)
Midterm Exam - 12/30/2013 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents:	12/30/2013 - Based on the faculty discussion about the compiled result, the course assessment achieved all the criteria for success and therefore no further actions need to be done to improve the course for the meantime; continue the usual administrative support to ensure students' success.		2013 - 2014 (Fall 2013)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
AC 111 Midterm.pdf			

CLO: AC 111 - Fundamentals of Refrigeration: CLO 4

Identify and describe the functions of the component parts of refrigerating system.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Identify and explain different parts and components of refrigeration system. Signature assignment: Midterm 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
Midterm Exam - 01/04/2016 - 100% of student assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 Artifacts.pdf	01/04/2016 - The expected student performance was met; therefore, the program will continue to offer the course, assess the course and make changes when necessary. PLAN OF ACTION / ADDITIONAL COMMENTS Continue the usual administrative support to ensure students' success.		2015-2016 (Fall 2015)
Midterm Exam - 12/22/2014 - 100% students assessed perform at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 - A - CLO 1 - 4 A.jpg AC 111 - A - CLO 1 - 4 B.jpg AC 111 - A - CLO 1 - 4 C.jpg AC 111 - B - CLO 1 - 4 A.jpg AC 111 - B - CLO 1 - 4 B.jpg AC 111 - B - CLO 1 - 4 C.jpg	04/13/2015 - No action needed at this time.		2014 - 2015 (Fall 2014)
Midterm Exam - 12/30/2013 - 100% of students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AC 111 Midterm.pdf	12/30/2013 - Based on the faculty discussion about the compiled result, the course assessment achieved all the criteria for success and therefore no further actions need to be done to improve the course for the meantime; continue the usual administrative support to ensure students' success.		2013 - 2014 (Fall 2013)

CLO: AC 111 - Fundamentals of Refrigeration: CLO 5

List and explain the factors of air conditioning that affect comfort and health and the methods of conditioning air for this purpose.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

Start Date: 08/21/2013

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Explain factors of air-conditioning that affect comfort and health. Signature assignment: 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 - 01/04/2016 - 100% of student assessed performed at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 Artifacts.pdf	01/04/2016 - The expected student performance was met; therefore, the program will continue to offer the course, assess the course and make changes when necessary. PLAN OF ACTION / ADDITIONAL COMMENTS Continue the usual administrative support to ensure students' success.		2015-2016 (Fall 2015)
Final Exam - 12/22/2014 - 100% students assessed perform at the proficiency level Expected Student Performance Met: Yes Related Documents: AC 111 - A - CLO 5 A.jpg AC 111 - A - CLO 5 B.jpg AC 111 - A - CLO 5 C.jpg AC 111 - B - CLO 5 A.jpg AC 111 - B - CLO 5 B.jpg AC 111 - B - CLO 5 C.jpg	04/13/2015 - No action needed at this time.		2014 - 2015 (Fall 2014)
Final Exam - 12/30/2013 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: AC 111 Final.pdf	12/30/2013 - Based on the faculty discussion about the compiled result, the course assessment achieved all the criteria for success and therefore no further actions need to be done to improve the course for the meantime; continue the usual administrative support to ensure students' success.		2013 - 2014 (Fall 2013)