Assessment Impact by Course Objectives

Palau Community College

Department (MA) - Mathematics Department

Department (MA) - Mathematics Department

CLO: MA 112 - Trigonometry: CLO 1

Measure and convert angle measures and define and calculate the six trigonometric functions.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment

Means of Assessment	Expected Student Performance	Notes	Active
Measure and convert angle measures and define and calculate the six trigonometric functions. **Signature assignment:** Midterm Exam	70% of the students assessed will perform at the proficiency level.		Yes
Measure and convert angle measures and define and calculate the six trigonometric functions. **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
Midterm Exam - 12/23/2015 - Two students were evaluated. 100% of the students performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112 CLO 1_2LV4 sample.PDF	01/11/2016 - All students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Final Exam - 12/20/2014 - 100% of the students assessed performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112 Level 4 sample.pdf	12/20/2014 - The students met the required criteria. No specific action taken at this time.		2014 - 2015 (Fall 2014)

CLO: MA 112 - Trigonometry: CLO 2

Construct the graphs of the six trigonometric functions and solve right triangle application problems.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	**Expected Student Performance**	**Notes**	**Active**
Construct the graphs of the six trigonometric functions and solve right triangle application problems. **Signature assignment:** Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Construct the graphs of the six trigonometric functions and solve right triangle application problems. **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**
Final Exam - 12/23/2015 - Two students were evaluated. 100% of the students performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112LCO1_2LV3 sample.PDF	01/11/2016 - All students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Final Exam - 12/20/2014 - 100% of the students assessed performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112 Level 4 sample.pdf	12/20/2014 - The students met the required criteria. No specific action taken at this time.		2014 - 2015 (Fall 2014)

CLO: MA 112 - Trigonometry: CLO 3

Apply trigonometric identities in verifying and solving trigonometric equations and define and construct the graphs of the inverse trigonometric functions.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	**Expected Student Performance**	**Notes**	**Active**
Apply trigonometric identities in verifying and solving trigonometric equations and define and construct the graphs of the inverse trigonometric functions. **Signature assignment:** Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Apply trigonometric identities in verifying and solving trigonometric equations and define and construct the graphs of the inverse trigonometric functions. **Signature assignment:** Midterm Exam	70% of the students assessed will perform at the proficiency level.		Yes

Results

Results			
Summary of Data Collected	**Use of Results**	**Follow-Up**	**Semester Assessed**
Final Exam - 12/23/2015 - Two students were evaluated. 100% of the students performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112CLO 3_4LV3 sample.PDF	01/11/2016 - All students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Final Exam - 12/20/2014 - 100% of the students assessed performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112 Level 3 sample.pdf	12/20/2014 - The students met the required criteria. No specific action taken at this time.		2014 - 2015 (Fall 2014)

CLO: MA 112 - Trigonometry: CLO 4

Solve non-right triangles and related application problems, construct graphs of vectors, perform operations on vectors, and solve application problem with vectors.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	**Expected Student Performance**	**Notes**	**Active**
Solve non-right triangles and related application problems, construct graphs of the inverse trigonometric functions. **Signature assignment:** Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Solve non-right triangles and related application problems, construct graphs of the inverse trigonometric functions. **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**
Final Exam - 12/23/2015 - Two students were evaluated. 100% of the students performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:** MA 112CLO3_4LV4_3 sample.PDF	01/11/2016 - All students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Final Exam - 12/20/2014 - 100% of the students assessed performed at the proficiency level. **Expected Student Performance Met:** Yes **Related Documents:**	12/20/2014 - The students met the required criteria. No specific action taken at this time.		2014 - 2015 (Fall 2014)

Results			
Summary of Data Collected	**Use of Results**	**Follow-Up**	**Semester Assessed**
MA 112 Level 3 sample.pdf			

CLO: MA 112 - Trigonometry: CLO 5

Construct a graph of a plane geometric figure by introducing a coordinate system and applying equations and formulas.

CLO Assessment Cycle: 2014-2015 (Fall 2014)

CLO Status: Active

Means of Assessment			
Means of Assessment	**Expected Student Performance**	**Notes**	**Active**
Construct a graph of a plane geometric figure by introducing a coordinate system and applying equations and formulas. **Signature assignment:** Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Construct a graph of a plane geometric figure by introducing a coordinate system and applying equations and formulas. **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**
No Results reported.			