

Assessment Impact by Course Objectives
Palau Community College
Department (MA) - Mathematics Department

Department (MA) - Mathematics Department

CLO: MA 100 - Technical Mathematics: CLO 1

Identify and perform operations of arithmetic to solve word problems.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Perform operations of arithmetic to solve word problems. Signature assignment: Midterm Exam	70% of the students assessed will perform at the proficiency level.		Yes
Perform operations of arithmetic to solve word problems. 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 - 18 students were evaluated. 100% of the students performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: CLO1&2.zip	01/11/2016 - Most students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Midterm Exam - 05/19/2015 - 100% of students assessed performed at proficiency level. Expected Student Performance Met: Yes Related Documents: CLO1Level3.zip	05/19/2015 - Continue to offer and assess the course and make necessary changes.	06/04/2015 - No necessary action at this time.	2014 - 2015 (Spring 2015)
Midterm Exam - 02/10/2014 - 100% of students assessed performed at proficiency level. Expected Student Performance Met: Yes Related Documents: CLO 1 Level 4.zip	02/10/2014 - continue to offer and assess the course and make necessary changes		2013 - 2014 (Fall 2013)

CLO: MA 100 - Technical Mathematics: CLO 2

Calculate the gross pay, net income, interest, monthly loan payments, property tax for a piece of property, and cost to purchase an item including the sales tax.

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

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Perform finance calculations. Signature assignment: Midterm Exam	70% of the students assessed will perform at the proficiency level.		Yes
Perform finance calculations. 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 - 18 students were evaluated. 85% of the students performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: CLO1&2.zip			2015-2016 (Fall 2015)
Midterm Exam - 02/10/2014 - 100% of students assessed performed at proficiency level. Expected Student Performance Met: Yes Related Documents: CLO 2 Level 4.zip	02/10/2014 - Continue to offer and assess the course and make necessary changes.		2013 - 2014 (Fall 2013)

CLO: MA 100 - Technical Mathematics: CLO 3

Determine the power, resistance, voltage, and current flow of a circuit.

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

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Determine the power, resistance, voltage, and current flow of a circuit. Signature assignment: Final 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 - 18 students were evaluated. 80% of the students performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: CLO3&5.zip	01/11/2016 - Most students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Final Exam - 02/10/2014 - 100% of students assessed performed at proficiency level. Expected Student Performance Met: Yes Related Documents: CLO 3 Level 3.zip CLO 3 Level 4.zip	02/10/2014 - Continue to offer and assess the course and make necessary changes.		2013 - 2014 (Fall 2013)

CLO: MA 100 - Technical Mathematics: CLO 4

Identify different measurement tools, and learn their respective uses.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Identify the different measuring tools and their parts. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Demonstrate proper use and readings of different measuring tools. Signature assignment: Practical Application Skill 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
Practical Application Skill Test - 12/23/2015 - 18 students were evaluated. 80% of the students performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: CLO4.zip	01/11/2016 - Most students scored above 70%. No significance change from last time.		2015-2016 (Fall 2015)
Final Exam - 02/10/2014 - 100% of students assessed performed at proficiency level. Expected Student Performance Met: Yes Related Documents:	02/10/2014 - Continue to offer and assess the course and make necessary changes.		2013 - 2014 (Fall 2013)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
CLO 4 Level 4.zip CLO 4 Level 3.zip			

CLO: MA 100 - Technical Mathematics: CLO 5

Estimate the amount of materials needed and cost of a project.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Estimate the amount of materials needed and the cost of a project. 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 - 12/23/2015 - 18 students were evaluated. 70% of the students performed at the proficiency level. Expected Student Performance Met: No Related Documents: CLO3&5.zip	01/11/2016 - Students improved in estimating compared to last Spring 2015. Again more hands on estimating activities to be given to students.		2015-2016 (Fall 2015)
Final Exam - 02/10/2014 - 100% of students assessed performed at proficiency level. Expected Student Performance Met: Yes Related Documents: CLO 5 Level 3.zip CLO 5 Level 4.zip	02/10/2014 - Continue to offer and assess the course and make necessary changes.		2013 - 2014 (Fall 2013)