

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

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CLO: MA 121 - Elementary Statistics: CLO 1

Explain statistical terms, data collection, and types of sampling.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of statistical terms, data collection, and types of sampling. 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 - 06/01/2015 - 26 students were evaluated. 62% of the students performed at the competent level. Expected Student Performance Met: No Related Documents: MA121MidtermSamplesSp2015.zip	08/17/2015 - There is a significant improvement from last time (25%). Will continue with detailed review and add a quiz before the chapter test.		2014 - 2015 (Spring 2015)
Midterm Exam - 05/27/2014 - 16 students were evaluated. 25% of the students performed at the competent level. Expected Student Performance Met: No Related Documents: MA 121 Midterm Spring 2014.zip	08/18/2014 - More than half of the students scored below 70%. Need to review terminology in more details for the exams. Remind students to READ!		2013 - 2014 (Spring 2014)

CLO: MA 121 - Elementary Statistics: CLO 2

Analyze and present descriptive statistics for a single-variable set of data.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Analyze and present descriptive statistics for a single-variable set of data.	70% of the students assessed will perform at the proficiency level.		Yes
Signature assignment: Midterm Exam			

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Midterm Exam - 06/01/2015 - 26 students were evaluated. 85% of the students performed at the competent level. Expected Student Performance Met: Yes Related Documents: MA121MidtermSamplesSp2015.zip	08/17/2015 - Most students scored above 70%. No significance change from last time.		2014 - 2015 (Spring 2015)
Midterm Exam - 05/27/2014 - 16 students were evaluated. 75% of the students performed at the competent level. Expected Student Performance Met: Yes	08/18/2014 - Most students scored above 70%. No specific action at this time.		2013 - 2014 (Spring 2014)

CLO: MA 121 - Elementary Statistics: CLO 3

Analyze and present descriptive statistics for a two-variable set of data.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Analyze and present descriptive statistics for a two-variable set of data.	70% of the students assessed will perform at the proficiency level.		Yes
Signature assignment: Midterm Exam			

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Midterm Exam - 06/01/2015 - 26 students were evaluated. 85% of the students performed at the competent level. Expected Student Performance Met: Yes Related Documents: MA121MidtermSamplesSp2015.zip	08/17/2015 - Most students scored above 70%. Significant improvement from last time (63%). Continue with table reviews and exercises.		2014 - 2015 (Spring 2015)
Midterm Exam - 05/27/2014 - All 8 students were evaluated. 63% of the students performed at the competent level. Expected Student Performance Met: No	08/18/2014 - Some students made errors with bivariate tables. Remind them to study the tables carefully. These are based on column or row totals. Some students mixed them up.		2013 - 2014 (Spring 2014)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed

CLO: MA 121 - Elementary Statistics: CLO 4

Explain the rules of probability and use them in computing expected values.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of the rules of probability and use them in computing expected values. 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 - 06/01/2015 - 24 students were evaluated. 75% of the students performed at the competent level. Expected Student Performance Met: Yes Related Documents: MA121FinalSamplesSp2015.zip	08/17/2015 - Most students scored above 70%. Significant improvement from last time (44%). Continue with table/diagrams vs. theoretical examples & exercises.		2014 - 2015 (Spring 2015)
Final Exam - 05/27/2014 - 16 students were evaluated. 44% of the students performed at the competent level. Expected Student Performance Met: No Related Documents: MA 121 Final Spring 2014.zip	08/18/2014 - Some students were confused when to use table or formulas values. Need to elaborate on the differences. Also after the midterm period, there is a tendency for students to start skipping classes which will affect their performance in class. You can see the trend with the CLO ratings and the actual grade averages (midterm exam average = 72% and final exam average = 58%).		2013 - 2014 (Spring 2014)

CLO: MA 121 - Elementary Statistics: CLO 5

Construct a probability distribution and compute the mean and standard deviation for the distribution.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Construct a probability distribution and compute the mean and standard deviation for the distribution.	70% of the students assessed will perform at the proficiency level.		Yes
Signature assignment: Final Exam			

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Final Exam - 06/01/2015 - 24 students were evaluated. 83% of the students performed at the competent level. Expected Student Performance Met: Yes Related Documents: MA121FinalSamplesSp2015.zip	08/17/2015 - Most students scored above 70%. Significant improvement from last time (44%). Continue with table/function reinforcement exercises.		2014 - 2015 (Spring 2015)
Final Exam - 05/27/2014 - 16 students were evaluated. 44% of the students performed at the competent level. Expected Student Performance Met: No	08/18/2014 - Some students had weak algebra skills and can't work with functions. Remind students to get extra help at Learning Center or see instructor. Also after the midterm period, there is a tendency for students to start skipping classes which will affect their performance in class. You can see the trend with the CLO ratings and the actual grade averages (midterm exam average = 72% and final exam average = 58%).		2013 - 2014 (Spring 2014)

CLO: MA 121 - Elementary Statistics: CLO 6

Describe the normal distribution and solve problems using the normal distribution.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Describe the normal distribution and solve problems using the normal distribution.	70% of the students assessed will perform at the proficiency level.		Yes
Signature assignment: Final Exam			

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Final Exam - 06/01/2015 - 24 students were evaluated. 75% of the students performed at the competent level. Expected Student Performance Met: Yes	08/17/2015 - Most students scored above 70%. Significant improvement from last time (19%). Continue with illustration/computation		2014 - 2015 (Spring 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
	reinforcement exercises.		
Related Documents:			
MA121FinalSamplesSp2015.zip			
Final Exam - 05/27/2014 - 16 students were evaluated. 19% of the students performed at the competent level. Expected Student Performance Met: No	08/18/2014 - Some students had weak algebra skills and can't work with functions. Remind them to get extra help at the Learning Center or see instructor. Also after the midterm period, there is a tendency for students to start skipping classes which will affect their performance in class. You can see the trend with the CLO ratings and the actual grade averages (midterm exam average = 72% and final exam average = 58%).		2013 - 2014 (Spring 2014)

CLO: MA 121 - Elementary Statistics: CLO 7

Describe the distribution for sample means and solve application problems using the sample means.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

CLO Status: Active

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
No Results reported.			