

Assessment Impact by Course Objectives
Palau Community College
Program (ES) - Environmental Marine Science

Program (ES) - Environmental Marine Science

CLO: SC 110 - Principles of Biology II: CLO 1

Explain the five kingdom system of classification.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Start Date: 01/13/2014

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of the five kingdom system of classification. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Apply the scientific method by stating a question; determining appropriate tests; performing tests; collecting, analyzing, and biologic lab skills and display a habit of good lab practices which extends to relevant situations in the student's homes: retrieve, evaluate, and use contemporary biologic information Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: 12221303.PDF	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Final Exam - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: 12221300.PDF	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Final Exam - 05/26/2014 - 64% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: No Related Documents: SC110FE-1.PDF SC110FE-2.PDF	05/26/2014 - Number of questions used to assess CLO-1 was only two and may need to be reviewed and revise.		2013 - 2014 (Spring 2014)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Final Exam - 05/26/2014 - 64% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: No			2013 - 2014 (Spring 2014)
Final Exam - 05/23/2014 - 64% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: No	05/26/2014 - Number of questions used to assess CLO-1 was only two and may need to be reviewed and revise.		2013 - 2014 (Spring 2014)

CLO: SC 110 - Principles of Biology II: CLO 2

Compare eukaryotic and prokaryotic microorganisms.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Start Date: 01/13/2014

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of comparison of eukaryotic and prokaryotic microorganisms. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Demonstrate understanding of comparison of eukaryotic and prokaryotic microorganisms. Apply the scientific method by stating a question; determining appropriate tests; performing tests; collecting, analyzing, and biologic lab skills and display a habit of good lab practices which extends to relevant situations in the student's homes: retrieve, evaluate, and use contemporary biologic information. Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/25/2015 - 100% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes Related Documents: 12221304.PDF	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Final Exam - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: 12221300.PDF	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/26/2014 - 85% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes Related Documents: SC110clo2.PDF	05/26/2014 - No action needed at this time as the expected outcome has been met.		2013 - 2014 (Spring 2014)
Final Exam - 05/23/2014 - 73% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes Related Documents: SC110FE-1.PDF	05/23/2014 - No action needed		2013 - 2014 (Spring 2014)

CLO: SC 110 - Principles of Biology II: CLO 3

Identify the major groups of plants.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Start Date: 01/13/2014

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of identification of the major groups of plants. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Demonstrate understanding of identification of the major groups of plants. Apply the scientific method by stating a question; determining appropriate tests; performing tests; collecting, analyzing, and biologic lab skills and display a habit of good lab practices which extends to relevant situations in the student's homes: retrieve, evaluate, and use contemporary biologic information. Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: 12221301.PDF	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Final Exam - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met:	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Yes			
Related Documents: 12221300.PDF			
Lab Journal - 05/26/2014 - 83% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes	05/26/2014 - No action needed at this time as the expected outcome has been met.		2013 - 2014 (Spring 2014)
Related Documents: SC110clo3.PDF			
Final Exam - 05/23/2014 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes	05/23/2014 - No action needed at this time as the expected outcome has been met.		2013 - 2014 (Spring 2014)
Related Documents: SC110FE-1.PDF			

CLO: SC 110 - Principles of Biology II: CLO 4

Examine specimens in the Kingdom Plantae.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Start Date: 01/13/2014

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of examining specimens in the Kingdom Plantae. Apply the scientific method by stating a question; determining appropriate tests; performing tests; collecting, analyzing, and biologic lab skills and display a habit of good lab practices which extends to relevant situations in the student's homes: retrieve, evaluate, and use contemporary biologic information. Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/25/2015 - 100% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Related Documents: 12221305.PDF			
Lab Journal - 05/26/2014 - 76% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes	05/26/2014 - No action needed at this time as the expected outcome has been met.		2013 - 2014 (Spring 2014)

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Related Documents: SC110clo4-2.PDF			
Lab Journal - 05/26/2014 - 93% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes	05/26/2014 - No action needed at this time as the expected outcome has been met.		2013 - 2014 (Spring 2014)
Related Documents: SC110clo4.PDF			

CLO: SC 110 - Principles of Biology II: CLO 5

Distinguish the major groups in the Kingdom Animalia.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Start Date: 01/13/2014

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of distinguishing the major groups in the Kingdom Animalia. Signature assignment: Final Exam	70% of the students assessed will perform at the proficiency level.		Yes
Demonstrate understanding of distinguishing the major groups in the Kingdom Animalia. Apply the scientific method by stating a question; determining appropriate tests; performing tests; collecting, analyzing, and biologic lab skills and display a habit of good lab practices which extends to relevant situations in the student's homes: retrieve, evaluate, and use contemporary biologic information. Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Related Documents: 12221303.PDF			
Lab Journal - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Related Documents: 12221300.PDF			
Final Exam - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Related Documents: 12221300.PDF			

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/26/2014 - 69% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: No Related Documents: SC110clo5.PDF	05/26/2014 - Review of activity questions and modify as needed.		2013 - 2014 (Spring 2014)
Final Exam - 05/23/2014 - 56% of the students assessed performed at the proficiency level. Expected Student Performance Met: No Related Documents: SC110FE-1.PDF SC110FE-3.PDF	05/23/2014 - Review CLO #5 and revise as needed.		2013 - 2014 (Spring 2014)

CLO: SC 110 - Principles of Biology II: CLO 6

Examine specimens in the Kingdom Animalia.

CLO Assessment Cycle: 2014-2015 (Spring 2015)

Start Date: 01/13/2014

CLO Status: Active

Means of Assessment			
Means of Assessment	Expected Student Performance	Notes	Active
Demonstrate understanding of examining specimens in Kingdom Animalia. Apply the scientific method by stating a question; determining appropriate tests; performing tests; collecting, analyzing, and biologic lab skills and display a habit of good lab practices which extends to relevant situations in the student's homes: retrieve, evaluate, and use contemporary biologic information. Signature assignment: Lab Journal	70% of the students assessed will perform at the proficiency level.		Yes

Results			
Summary of Data Collected	Use of Results	Follow-Up	Semester Assessed
Lab Journal - 05/25/2015 - 100% of the students assessed performed at the proficiency level. Expected Student Performance Met: Yes Related Documents: 12221302.PDF	05/25/2015 - No action needed at this time as the expected outcome has been met.		2014 - 2015 (Spring 2015)
Lab Journal - 05/26/2014 - 87% of the students assessed achieved the rating of 3 (competent level) or better. Expected Student Performance Met: Yes Related Documents: SC110clo6.PDF	05/26/2014 - No action needed at this time as the expected outcome has been met.		2013 - 2014 (Spring 2014)

