

**CENTRAL NEW MEXICO COMMUNITY COLLEGE
ASSESSMENT CYCLE PLAN**

Due to SAAC by September 30 following new program approval or at the end of the prior cycle plan

Cycle Plan Years and Contact Information:			
<u>2012-17</u>	<u>Susan Johnson</u>	<u>sjohnson@cnm.edu</u>	<u>50102</u>
Cycle Years	Contact Person	Email	Phone Number

Subject of this Assessment Report:		
Program: <u>Pre-Health Sciences: Biology</u>	Gen Ed Area: _____	Discipline Area: _____
<input type="checkbox"/> Certificate <input checked="" type="checkbox"/> AA <input type="checkbox"/> AS <input type="checkbox"/> AAS	Applicable to: <input type="checkbox"/> AA/AS <input type="checkbox"/> AAS	

Plan Description:
BIO 1492: PHS outcomes were assessed by question sets from the midterm and final, but all assessment will be moved to the final exam BIO 2292: PHS outcomes are assessed by a question set that is part of the final exam for the course. BIO 2392: PHS outcomes are assessed by a question set that is part of the final exam for the course.

Student Learning Outcomes/Exit Competencies:	When Measured:	Where Measured:	How Measured:
1. Communicate clearly, concisely, and with purpose in oral and written form.	Fall 2012 Spring 2013 Fall 2013-Spring 2017	BIO1492, BIO2292 BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
2. Demonstrate computational skills with and without the use of technology.	Fall 2012 Spring 2013 Fall 2013-Spring 2017	BIO1492, BIO2292 BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
3. Be able to generate and interpret a variety of	Fall 2012	BIO1492, BIO2292	BIO1492 Midterm; BIO2292 & BIO2392

graphs and/or data sets.	Spring 2013 Fall 2013-Spring 2017	BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
4. Demonstrate problem solving skills within the context of mathematical	Fall 2012 Spring 2013 Fall 2013-Spring 2017	BIO1492, BIO2292 BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
5. Employ critical thinking skills to judge the validity of information from a scientific perspective.	Fall 2012 Spring 2013 Fall 2013-Spring 2017	BIO1492, BIO2292 BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
6. Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	Fall 2012 Spring 2013 Fall 2013-Spring 2017	BIO1492, BIO2292 BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
7. Properly operate laboratory equipment to collect relevant and quality data.	Fall 2012 Spring 2013 Fall 2013-Spring 2017	BIO1492, BIO2292 BIO2392 BIO1492, BIO2292, BIO2392	Final Exam Final Exam Final Exam
8. Analyze relevant issues utilizing concepts and evidence from the social/behavioral sciences.	Spring 2014-Spring 2017	BIO1492, BIO2292, BIO2392	Final Exam