

**CENTRAL NEW MEXICO COMMUNITY COLLEGE**  
**ASSESSMENT REPORT**  
*Due to SAAC by October 15*

**PART 1: CONTACT & PROGRAM IDENTIFICATION**

Report Year and Contact Information			
<u>2016-2017</u> Academic Year	<u>Heather Aydelott</u> Contact Person	<u><a href="mailto:haydelott@cnm.edu">haydelott@cnm.edu</a></u> Email	<u>X50093</u> Phone Number

Subject of this Assessment Report		
Program: _____  <input type="checkbox"/> Certificate <input type="checkbox"/> AA <input type="checkbox"/> AS <input type="checkbox"/> AAS	Gen Ed Area: <u>Lab Sciences: Natural Science</u>  Applicable to: <input checked="" type="checkbox"/> AA/AS <input checked="" type="checkbox"/> AAS	Non-Award, Non-Gen-Ed Discipline Area:  _____

**PART 2: THE YEAR IN RETROSPECT**

Program/Area Highlights (Including, wherever applicable, course completion, job placement, and licensing examination information)
The students seem to consistently meet or almost meet our baseline goals every year.

Changes Made in Support of Student Learning
We have added an additional writing assignment in NS 2010.

**PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING**

Student Learning Outcome(s) Assessed <small>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</small>	Classes/Cohorts Assessed
Employ critical thinking skills to judge the validity of information from a scientific perspective.  Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	NS 1010

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<b>Measurement Tool(s) Used</b> <small>To add rows: right –click in cell below and select “Insert,” “Insert Rows Above”</small>	<small>Enter X's for type of tool</small>				<b>Initial Achievement Target or Expectation</b>
	Internal	External	Direct	Indirect	
Current event paper and lab report					

<b>Assessment Findings</b>
Outcome 1-70% mastery, Outcome 2-80% mastery

<b>Analysis and Interpretation of Assessment Findings</b>
For outcome one, we are just below our 75% mastery target and for outcome two we are above our 75% mastery target.

<b>Action Plan in Support of Student Learning</b>
We will continue to support students in critically thinking about how scientific information is presented and to question the validity.

***Please indicate with an X all of the following that characterize the types of changes described in the above action plan:***

- |  |   |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> Pedagogical change | <input type="checkbox"/> Course revision              | <input type="checkbox"/> Process revision             | <input type="checkbox"/> Curricular revision             |
| <input type="checkbox"/> Budgetary reallocation        | <input type="checkbox"/> Faculty training/development | <input type="checkbox"/> Assessment criteria revision | <input type="checkbox"/> Assessment methodology revision |

<b>Recommendations, Proposals, and/or Funding Requests</b>

**PART 4: ASSESSMENT CYCLE PLAN UPDATE** (Copy and paste from original plan if unchanged)

Cycle Years	Description of Changes Made (if applicable)

Student Learning Outcomes	When Measured	Where Measured	How Measured
1. Employ critical thinking skills to judge the validity of information from a scientific perspective.	Fall 2016-Spring 2018 Fall 2018-Spring 2020	NS 1010 NS 1015, NS 2010	
2. Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	Fall 2016-Spring 2018 Fall 2018-Spring 2020	NS1010 NS 1015, NS 2010	
3. Properly operate laboratory equipment to collect relevant and quality data.	Fall 2017-Spring 2018 Fall 2018-Spring 2020	NS 1015, NS 2010 NS 1010	
4. Utilize mathematical techniques to evaluate and solve scientific problems.	Fall 2017-Spring 2018 Fall 2018-Spring 2020	NS 1015, NS 2010 NS 1010	
5. Communicate effectively about scientific ideas and topics, in both oral and written formats.	Fall2017-Spring 2018 Fall 2018- Spring 2020	NS 1015, NS 2010 NS 1010	
6. Relate science to personal, social or global impact.	Fall 2019-Spring 2020	NS 1010, NS 1015, NS 2010	
7.			
8.			
9.			
10.			

<b>CNM Gen Ed Lab Science</b>	<b>NM State Gen Ed Area III: Laboratory Science</b>
1 Employ critical thinking skills to judge the validity of information from a scientific perspective.	5 Apply scientific thinking to real world problems
2 Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	2 Solve problems scientifically 1 Describe the process of scientific inquiry
3 Properly operate laboratory equipment to collect relevant and quality data.	2 Solve problems scientifically
4 Utilize mathematical techniques to evaluate and solve scientific problems.	2 Solve problems scientifically 4 Apply quantitative analysis to scientific problems
5 Communicate effectively about scientific ideas and topics, in oral and/or written formats.	3 Communicate scientific information
6 Relate science to personal, social or global impact.	5 Apply scientific thinking to real world problems