

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

**PART 1: CONTACT & PROGRAM IDENTIFICATION**

Report Year and Contact Information:			
Fall 2015-Spring 2016 <b>Academic Year</b>	Heather Aydelott <b>Contact Person</b>	<a href="mailto:haydelott@cnm.edu">haydelott@cnm.edu</a> <b>Email</b>	X50093 <b>Phone Number</b>

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

**PART 2: EVIDENCE OF OVERALL PROGRAM EFFECTIVENESS**

Summary of Program Successes:
The students seem to consistently meet or almost meet our baseline goals every year.

Description and Evaluation of Recent Changes Made in Support of Student Learning:
Faculty will continue to develop ways of better meeting these outcomes in Distance Learning courses.

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

Student Learning Outcome(s) Assessed:	Classes/Cohorts Assessed:
<i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i> Relate science to personal, social or global impact.	NS 1010
Communicate effectively about scientific ideas and topics, in both oral and written formats.	NS 1010

Measurement Tool(s) Used:	Enter X's for type of tool				Initial Achievement Target or Expectation:
	Internal	External	Direct	Indirect	
<i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>					
Lab report and presentations.					

Assessment Findings:
Outcome 5-69.6% mastery, Outcome 6-73.1% mastery

Analysis and Interpretation of Assessment Findings:
For outcome 5 69.6% of students scored 80% or better on this outcome.
For outcome 6 73.1% of students scored 80% or better on this outcome.

Action Plan in Support of Student Learning:
For outcome 5, we are just below our baseline target of 75% mastery for this outcome. Natural Science faculty will meet to discuss how we can better meet this outcome.
For outcome 6, we are just below our baseline target of 75% mastery for this outcome. Natural Science faculty will meet to discuss how we can better meet this outcome.

Recommendations, Proposals, and/or Funding Requests:

#### PART 4: EMBEDDED OUTCOMES

Critical Thinking and Life Skills/Teamwork Development within Programs:
<ul style="list-style-type: none"> <li>a) Please describe how Critical Thinking assessment is embedded within your program assessment.</li> <li>b) Please describe how Life Skills/Teamwork assessment is embedded within your program assessment.</li> </ul>
a) Students must use their critical thinking skills to complete all assignments in a physical science class. Assignments include computations, problem solving, generating hypotheses, collecting data, written and oral communication, and application of knowledge.

b) Students must work in groups in lab as well as hold classroom discussions in Blackboard.

**PART 5: ASSESSMENT CYCLE PLAN** (Copy and paste from original plan if unchanged)

Cycle Years:	Plan Description:

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 & 2010	Current event paper
2. Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	Fall 2016-Spring 2018 Fall 2018-Spring 2020	NS 1010 NS 1015 & 2010	Lab report
3. Properly operate laboratory equipment to collect relevant and quality data.	Fall 2017-Spring 2018 Fall 2018-Spring 2020	NS 1015 & 2010 NS 1010	Lab report
4. Utilize mathematical techniques to evaluate and solve scientific problems.	Fall 2017- Spring 2018 Fall 2018-Spring 2020	NS 1015 & 2010 NS 1010	Varies
5. Communicate effectively about scientific ideas and topics, in both oral and written formats.	Fall 2017-Spring 2018 Fall 2018-Spring 2020	NS 1015 & 2010 NS 1010	Semester project
6. Relate science to personal, social or global impact.	Fall 2019-Spring 2020	NS 1010, NS 1015, NS 2010	Semester project