

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

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:			
<u>2015-2016</u> Academic Year	<u>Mark Pecak</u> Contact Person	<u>mpecak@cnm.edu</u> Email	<u>X50014</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 Science - Chemistry</u> Applicable to: <input checked="" type="checkbox"/> AA/AS <input type="checkbox"/> AAS	Discipline Area: _____

PART 2: EVIDENCE OF OVERALL PROGRAM EFFECTIVENESS

Summary of Program Successes:
CHEM 1410 is not part of the degree program and is only being assessed for the Gen Ed outcomes.

Description and Evaluation of Recent Changes Made in Support of Student Learning:
No changes yet, establishing a base line for this Gen Ed outcome.

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING

Student Learning Outcome(s) Assessed: <i>To add rows: right –click in cell below and select “Insert,” “Insert Rows Above”</i>	Classes/Cohorts Assessed:
Gen Ed outcome #2: Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	CHEM 1410 (Intro to Chemistry)

Measurement Tool(s) Used: <i>To add rows: right –click in cell below and select “Insert,” “Insert Rows Above”</i>	<i>Enter X's for type of tool</i>				Initial Achievement Target or Expectation:
	Internal	External	Direct	Indirect	
CHEM 1410 – Final exam	X		X		

Assessment Findings:
CHEM 1410 – Result is a 89.7% success rate -

Analysis and Interpretation of Assessment Findings:
CHEM 1410 – This is the first time this Gen. Ed. Outcome #2 was assessed for this class. There were no predetermined expectations. This will be a benchmark for future assessment of Gen. Ed. Outcome #2.

Action Plan in Support of Student Learning:
CHEM 1410 – The question selected does not fully address the Gen Ed outcome, a different assignment will be used for 2016-2017

Recommendations, Proposals, and/or Funding Requests:**PART 4: EMBEDDED OUTCOMES****Critical Thinking and Life Skills/Teamwork Development within Programs:**

- a) Please describe how Critical Thinking assessment is embedded within your program assessment.
- b) Please describe how Life Skills/Teamwork assessment is embedded within your program assessment.

a) N/A

b) N/A

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

Cycle Years:	Plan Description:
2011-2017	For Gen. Ed. Outcome #2, the 1410 lecture final was used for assessment rather than the 1492 lab final that we originally planned. However we are considering switching back to the 1492 lab, either the lab practical or lab final to get a more accurate analysis for this Gen Ed outcome.

Student Learning Outcomes:	When Measured:	Where Measured:	How Measured:
1. Employ critical thinking skills to judge the validity of information from a scientific perspective.	2013 – 2015	CHEM 1410 &/or 1492	Chem 1410 Lecture Final -- direct/internal
2. Apply the scientific method to formulate questions, analyze information/data and draw conclusions.	2015 – 2017	CHEM 1410 &/or 1492	Chem 1492 Lab Final – direct/internal The 1410 final was used.
3. Properly operate laboratory equipment to collect relevant and quality data.	Fall 2011-2013	CHEM 1410 &/or 1492	Chem 1492 Lab Practical – direct/internal
4. Utilize mathematical techniques to evaluate and solve scientific problems.	Fall 2011-2013	CHEM 1810 &/or 1892	Chem 1810 ACS Standardized Final Exam – direct/external
5. Communicate effectively about scientific ideas and topics, in both oral and/or written formats.	2013 – 2015	CHEM 1810 &/or 1892	Chem 1892 Lab Report – direct/internal
6. Relate science to personal, social or global impact.	2015-2017	CHEM 1810 &/or 1892	Chem 1892 Lab Final – direct/internal