

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

Choose **ONE** of the following 3 areas for this assessment plan and insert the name of the general education area, certificate, degree or discipline on the appropriate line:

General Education Area (see definitions, indicate area on appropriate line)

AA/AS Lab Sciences
AAS _____

Program (note program name on appropriate line)

Certificate _____
AAS _____
AA _____
AS _____

Discipline Area

(see definitions) Chemistry

1 Provide a list of student learning outcomes for this area or program (you may add more lines if necessary by right clicking and choosing insert row below):

1	Employ critical thinking skills to judge the validity of information from a scientific perspective.
2	Apply the scientific method to formulate questions, analyze information/data and draw conclusions.
3	Properly operate laboratory equipment to collect relevant and quality data.
4	Utilize mathematical techniques to evaluate and solve scientific problems.
5	Communicate effectively about scientific ideas and topics, in both oral and/or written formats.
6	Relate science to personal, social or global impact.
7	
8	
9	
10	

2 Prepare the Preliminary Assessment Cycle for the above student learning outcomes and complete the following chart

Outcome #	When Measured	Where measured (i.e. what course(s))	Measurement tool(s) & Type of tool
1	2013 – 2015	CHEM 1410 &/or 1492	Chem 1410 Lecture Final -- direct/internal
2	2015 – 2017	CHEM 1410 &/or 1492	Chem 1492 Lab Final – direct/internal
3	Fall 2011-2013	CHEM 1410 &/or 1492	Chem 1492 Lab Practical – direct/internal
4	Fall 2011-2013	CHEM 1810 &/or 1892	Chem 1810 ACS Standardized Final Exam – direct/external
5	2013 – 2015	CHEM 1810 &/or 1892	Chem 1892 Lab Report – direct/internal
6	2015-2017	CHEM 1810 &/or 1892	Chem 1892 Lab Final – direct/internal
7			
8			
9			
10			