

**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:			
2015 – 2020	Erica Voges	evoges@cnm.edu	X52680
Cycle Years	Contact Person	Email	Phone Number

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

Plan Description:
The goal is to assess each of the eight Physics outcomes over the course of the next five years. These outcomes will be assessed in calculus-based physics lectures and labs.

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) Critical thinking is employed when formulating and solving physics problems and when conducting experiments and analyzing data (SLOs 2 and 4).
b) Four of the SLOs will be assessed in physics laboratory courses, which require teamwork.

Student Learning Outcomes/Exit Competencies:	When Measured:	Where Measured:	How Measured:
1. Apply knowledge of physics and Mathematics.	Fall 14 – Spring 16	PHYS 1810	To be determined
2. Identify, formulate and solve Physics problems.	Fall 16 – Spring 18	PHYS 1710	Final Exam question
3. Demonstrate an ability to utilize basic laboratory equipment.	Fall 18 – Spring 20	PHYS 1892	Midterm Exam question
4. Conduct experiments, analyze and interpret data	Fall 18 – Spring 20	PHYS 1792	To be determined
5. Students should be able to communicate effectively about scientific ideas and topics, in both oral and written formats.	Fall 20 – Spring 22	PHYS 1892	To be determined
6. Collaborate with peers in a laboratory setting.	Fall 15 – Spring 16	PHYS 1892	Observations of teams performing experiments in lab.
7. Recognize/identify professional responsibility	Fall 16 – Spring 18	PHYS 2710	To be determined
8. Recognize/identify the impact of the application of physics in a global, environmental and societal context	Fall 18 – Spring 20	PHYS 2710	To be determined