

CENTRAL NEW MEXICO COMMUNITY COLLEGE

ASSESSMENT REPORT

Due to SAAC by September 30

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:			
<u>2013-2014</u>	<u>Eric Barros</u>	<u>ebarros@cnm.edu</u>	<u>224-4000 ext. 52949</u>
Academic Year	Contact Person	Email	Phone Number

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

PART 2: EVIDENCE OF ACHIEVEMENT OF PROGRAM OUTCOMES

Summary of Program Success in Achieving Desired Outcomes:
Students shall perform desired outcome at minimum accuracy of 71%.

Description and Evaluation of Recent Changes Made in Support of Student Learning:

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING PROCESSES

Learning Outcome(s)/Exit Competencies Assessed:	Classes/Cohorts Assessed:
<i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>	
Students will demonstrate the ability to design and safely install electrical branch and feeder circuits in accordance with the National Electrical Codes.	ELTR 2030

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>					
ELTR 2030 Final Exam			x		
ELTR 2030 in class projects			x		

Assessment Results/Findings:
80% of students earn 90% or greater on exam.

Analysis and Interpretation of Assessment Results/Findings:
Fall 2013- Students performed above average compared to Summer and Spring 2013 terms.

Action Plan in Support of Student Learning:
Identify students who are struggling as early as possible through a pre-assessment exam given the first week of class, and to encourage good study habits and office hour visits to those students to support student learning.

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) Students are given assignments/projects that are directly related to practical application in real world situations. The students must resource information and determine a correct method to complete assignment/project.

b) Students utilize in class labs and trainers to simulate real world situations. Students are required to work together with others from diverse backgrounds in groups to complete class projects.

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

Plan Description:

Student Learning Outcomes/Exit Competencies:	When Measured:	Where Measured:	How Measured:
1. Student will demonstrate the ability to design and safely install electrical branch and feeder circuits in accordance with the National Electrical Code.	Fall 2013	Classroom/Lab	Exam, assignments, projects
2. Students will demonstrate the ability to interpret, design, wire, and troubleshoot electromechanical motor control circuits to the applicable electrical codes and safety standards.	Fall 2014	Classroom/Lab	Exam, assignments, projects
3. Students will identify electrical materials and components used in three-phase power distribution systems.	Fall 2015	Classroom/Lab	Exam, assignments, projects
4.			
5.			
6.			
7.			
8.			
9.			
10.			