

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>Phelan Gavaldon</u>	<u>pgavaldon@cnm.edu</u>	<u>224-4000 ext. 52070</u>
Academic Year	Contact Person	Email	Phone Number

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

PART 2: EVIDENCE OF ACHIEVEMENT OF PROGRAM OUTCOMES

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

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>	
The student will be able to perform basic residential wiring mathematical calculations to acceptable levels of accuracy.	ELTR 1210, 1215, 1220, 1230

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 1210 Final Exam			X		71% or greater

Assessment Results/Findings:
75% of students earn 90% or greater on exam.

Analysis and Interpretation of Assessment Results/Findings:
Fall 2013 – Students performed on average to other semesters.

Action Plan in Support of Student Learning:
Encourage good study habits and office hour visits. Hold additional review day in order to increase the number of students that receive 90% or greater.

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 situations. The student must resource information and determine a correct method to complete assignment/project.

b) Habitat for Humanity. Students work together in order to complete their assignment/project. Students work with others from diverse backgrounds. Students must allocate time, materials and labor.

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

Plan Description:
Exit competencies will be assessed every Fall semester through Exams, Assignments and Projects.

Student Learning Outcomes/Exit Competencies:	When Measured:	Where Measured:	How Measured:
1. The student will be able to perform basic residential wiring mathematical calculations to acceptable levels of accuracy.	Fall 2013	Classroom/Lab	Exam, Assignments, Projects
2. The student will be able to select given load ampacity or the maximum ampacity given a specific wire gauge and insulation in accordance with branch circuit requirements of the National Electrical Code.	Fall 2014	Classroom/Lab	Exams, Projects, Assignments
3. The student will be able to re-draw blueprint circuitry into a working schematic diagram in accordance with National Electrical Code requirements.	Fall 2015	Classroom/Lab	Exams, Projects, Assignments
4. The student will be able to interpret blueprint plot plans and electrical plans in accordance with the National Electrical Code.	Fall 2016	Classroom/Lab	Exams, Projects, Assignments
5. The student will be able to determine ampacity, wire size and service requirements in accordance with the National Electrical Code.	Fall 2017	Classroom/Lab	Exams, Projects, Assignments
6. The student will be able to “Rough-In” and “Trim-Out” standard residential dwelling rooms in accordance with the National Electrical Code.	Fall 2018	Classroom/Lab	Exams, Projects, Assignments