

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

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information			
<u>2016-2017</u> Academic Year	<u>Phelan Gavaldon</u> Contact Person	<u>pgavaldon@cnm.edu</u> Email	<u>224-4000 ext. 52070</u> 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	Non-Award, Non-Gen-Ed Discipline Area: <u>Electrical Trades</u>

PART 2: THE YEAR IN RETROSPECT

Program/Area Highlights (Including, wherever applicable, course completion, job placement, and licensing examination information)
Student shall perform desired outcome at minimum 71% GPA

Changes Made in Support of Student Learning
Schedule regular open labs for students to come in and get assistance with any of the subject matter they may be struggling to understand.

PART 3: REPORT ON RECENT ASSESSMENT OF STUDENT LEARNING

Student Learning Outcome(s) Assessed <small>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</small>	Classes/Cohorts Assessed
The student will be able to interpret blueprint plot plans and electrical plans in accordance with the National Electrical Code.	ELTR 1215, ELTR 1220, ELTR 1230

Measurement Tool(s) Used <i>To add rows: right-click in cell below and select "Insert," "Insert Rows Above"</i>	Enter X's for type of tool				Initial Achievement Target or Expectation
	Internal	External	Direct	Indirect	
ELTR 1215 Final Exam					71% or Greater. Student exams and lab projects are assessed internally.
ELTR 1220 Lab Projects, Final Exam, and Habitat for Humanity projects	X	X	X		Habitat for Humanity is assessed internally through grading performance as well as externally from Albuquerque city electrical inspections.

Assessment Findings
95% of students earn 71% or greater on projects and/or exams.

Analysis and Interpretation of Assessment Findings
Fall 2016 – Students performance was similar to other semesters.

Action Plan in Support of Student Learning
Encourage students to take advantage of open labs, office hours and CNM resources such as the tutoring center.

Please indicate with an X all of the following that characterize the types of changes described in the above action plan:

- | | | | |
|---|---|---|--|
| <input type="checkbox"/> Pedagogical change | <input checked="" type="checkbox"/> Course revision | <input type="checkbox"/> Process revision | <input type="checkbox"/> Curricular revision |
| <input type="checkbox"/> Budgetary reallocation | <input type="checkbox"/> Faculty training/development | <input type="checkbox"/> Assessment criteria revision | <input type="checkbox"/> Assessment methodology revision |

Recommendations, Proposals, and/or Funding Requests

PART 4: ASSESSMENT CYCLE PLAN UPDATE (Copy and paste from original plan if unchanged)

Cycle Years	Description of Changes Made (if applicable)
2013-2018	Exit competencies will be assessed every Fall semester through Exams, Assignments and Projects.

Student Learning Outcomes	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	Exam, Assignments, Projects
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	Exam, Assignments, Projects
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	Exam, Assignments, Projects
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	Exam, Assignments, Projects
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	Exam, Assignments, Projects
7.			
8.			
9.			
10.			