

CENTRAL NEW MEXICO COMMUNITY COLLEGE
ASSESSMENT REPORT-Part I
Assessment Data Results

The purpose of this form is to provide a written summary of your assessment results for the current assessment cycle.

June 2012 to June 2013
 (Assessment Period Covered)

June 15, 2012
 (Date Report Submitted)

David Ruff druff@cnm.edu
 (Contact Person/email/phone)

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

See definitions for each category in Assessment Process document

Gen Ed Area (see definitions)	or	Program	Construction Management Technologies
AA/AS <input type="checkbox"/> AAS <input type="checkbox"/>		Certificate AA/AS AAS	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
Or Discipline Area (see definitions) _____			
Outcome(s) assessed: A - Demonstrate knowledge and skills in basic business management and organization. B - Demonstrate a firm understanding of how to read and interpret commercial and civil drawings and specifications.			
Classes/Cohort Assessed: A – CM 2210 General Contractor Preparation CM 2999 Construction Management Capstone B – CM 1105 Construction Detailing CM 1305 Construction Estimating CM 2115 Computerized Estimating Techniques			
Measurement tool(s): Direct Internal			
Type of tool (for each tool listed above, indicate type of tool): CM 2210 General Contractor Preparation – Quizzes, Exams, Homework CM 2999 Construction Management Capstone - Projects CM 1105 Construction Detailing – Homework, Projects CM 1305 Construction Estimating – Homework, Projects CM 2115 Computerized Estimating Techniques – Homework, Projects			

Achievement Target (if more than one measurement tool, list target for each tool separately):

CM 2210: Mean of measurement tools score of <75%

CM 2999: Mean of measurement tools score of <75%

CM 1105: Mean of measurement tools score of <75%

CM 1305: Mean of measurement tools score of <75%

CM 2115: Mean of measurement tools score of <75%

Assessment Results/Findings (if more than one measurement tool, list results for each tool separately):

CM 2210: Mean was 82.3%

CM 2999: Mean was 85.0%

CM 1105: Mean was 88.5%

CM 1305: Mean was 81.2%

CM 2115: Mean was 83.3%

**CENTRAL NEW MEXICO COMMUNITY COLLEGE
ASSESSMENT REPORT – Part II
Action Plan & Assessment Plan Update**

The purpose of this form is to provide a written summary of your assessment action plan for the designated assessment cycle and provide an updated assessment cycle plan for the current 5-year cycle

2013	11/01/2013
(Report Period)	(Date Report Submitted)
Victoria Ojeda/vojeda@cnm.edu/505-224-4000 , ext. 50157	
(Contact Person/email/phone)	

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

See definitions for each category in Assessment Process document

Gen Ed Area (see definitions) _____	or	Program <u>Construction Technology Degree (Electrical)</u>
AA/AS <input style="width: 40px; height: 20px;" type="checkbox"/> AAS <input style="width: 40px; height: 20px;" type="checkbox"/>		Certificate <input style="width: 40px; height: 20px;" type="checkbox"/> AA/AS <input style="width: 40px; height: 20px;" type="checkbox"/> AAS <input checked="" style="width: 40px; height: 20px;" type="checkbox"/>
Or Discipline Area (see definitions) _____		
Data Results Period upon which this Action Plan is based (period which ended 6/30/14): Collecting data during this assessment period due to instructor turnover rates.		
Action Plan (close the loop): Will report collected data from instructors during this cycle.		

ASSESEMENT PLAN

The assessment plan includes three parts:

1. **The plan description** (This should be a brief written description of the assessment plan(s) for the area/certificate/degree/discipline. If all outcomes are not shown in item #3 below as assessed in the 5 year cycle, this description must include information about their eventual assessment)
2. **The student learning outcomes for the area/program/discipline** for the 5 year cycle.
3. **The assessment cycle timeline**

1 Plan Description

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

1	The student will be able to perform basic residential wiring mathematical calculations to acceptable levels of accuracy.
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
3	The student will be able to redraw blueprint circuitry into a schematic working diagram in accordance with the NEC requirements.
4	The student will be able to interpret blueprint plot plans and electrical plans in accordance with the National Electrical Code.
5	The student will be able to determine the ampacity, wire size, and service requirements in accordance with the National Electrical Code.
6	The student will be able to “rough-in” and “trim-out” standard residential dwelling rooms in accordance with the National Electrical Code
7	Students will demonstrate the ability to design and safely install electrical branch and feeder circuits in accordance with the National Electrical Codes
8	Students will demonstrate the ability to interpret, design, wire, and troubleshoot electromechanical motor control circuits to the applicable electrical codes and safety standards
9	Students will identify electrical materials and components used in three-phase power distribution power systems.
10	

3 Assessment Cycle timeline for the above student learning outcomes for the next five years.

Outcome #	When Measured	Where measured (i.e. what course(s))	Measurement tool(s) & Type of tool
1	First term	ELTR 1015 (Math)	Exam 1A -average of 71% or better
2	First term	ELTR 1005 (Theory)	Exam 1B -average of 71% or better
3	First term	ELTR 1030 (AC Lab)	Exam 1C-average of 71% or better
4	Second term	ELTR 1215 (blueprint reading)	Exam 2A-average of 71% or better
5	Second term	ELTR 1210 (Theory 2)	Exam 2B -average of 71% or better
6	Second term	ELTR 1220 (Wiring Lab)	Exam 2C-average of 71% or better
7	Third term	ELTR 1220 (Wiring Lab)	Exam 3A -average of 71% or better
8	Third term	ELTR 2020 (Motor Lab)	Exam 3b -average of 71% or better
9	Third term	ELTR 2030 (Industrial Lab)	Exam 3C -average of 71% or better
10			