

Assessment Report

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:		
2019-2020	Eric Barros	ebarros@cnm.edu
Academic Year	Contact Person	Email

Name of Program:	Courses:
Electrical Trades Certificate with Concentration	ELTR 2030

PART 2: PROGRAM SUMMARY

Provide a high-level review of the program to include highlights, successes, challenges, significant changes, and significant resources needed to support the program.
Annual class retention has increases from 94% to 98% for the 2019-2020 cycle. The annual C-pass rate has also increased from 87% to 96% from the previous assessment cycle review. Competency based assessments and hands-on oriented lab projects have continued to show promising results in regard to the student learning outcomes being demonstrated by individual learners completing the course work.

Part 3: DATA REVIEW

Program Data (Each Review Year is defined as Summer, Fall, and Spring terms)	Review Year 19-20	Review Year 18-19	Review Year 17-18
Annual number of graduate awards is greater than 10	85	97	23
Number of declared majors	219	246	323
Average class size	14	14	14
Annual Average class retention rate is 70% or above (SAGE 65%)	98%	94%	95%
Annual C-Pass rate for coursework is 60% or above	96%	87%	95%
Average class fill rate at 60% or above capacity within a term or over a year	70%	68%	68%
Transfer numbers/percent	NA	0 (0%)	0 (0%)
Full-time to part-time faculty ratio	3: 1	3: 1	3: 0

Summarize how your program met or did not meet the target measures based on the data above.

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Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
Student will demonstrate the ability to design and safely install electrical branch and feeder circuits in accordance with the National Electrical Code.	ELTR 2030- Industrial Power Distribution	Final Exam, Test or quiz, Practical exam, Class project, In-class activities, Instructor observation, Paper, and In-class writing assignment.	Students continue to demonstrate the efficacy of competency-based hands-on assessments through their continued success in the program.

Interpretation of Assessment findings
Students have continued to show a high level of understanding of complex electrical systems and the associated critical thinking skills that are integral to the correct and safe installation and practical application of the hands-on skills demonstrated through competency-based lab projects and assessments including class projects and writing assignments.

Part 6: ADDITIONAL ACTION PLAN IN SUPPORT OF STUDENT LEARNING (IF APPROPRIATE)

Upcoming year	Changes planned for the upcoming year	Data motivating this change
2020-2021	Overall success of the competency-based approach to assessing students understanding through hands on lab projects will continue to evolve through my professional development (UNM OILS degree path) focusing on andragogical evidence revolving around how adult learners learn and their associated motivation.	Continued success of competency-based hands-on learning and assessment, and the consistently rising completion and retention rates.
2020-2021		
2020-2021		

Please Select all the following that characterize the types of changes described in the above action plan:

- Assessment criteria revision
- Assessment methodology revision
- Assignment revision
- Budgetary reallocation
- Change in teaching approach
- Course content revision
- Curricular Revision
- Faculty training/development
- Process revision

Part 6: COMMENTS

Use this section to record any comments, notes, or questions from individuals who reviewed this report.
School Dean:
SAAC Representative:

