Assessment Report

PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:		
2019-2020	Michael J Medina	mmedina11@cnm.edu
Academic Year	**Contact Person**	**Email**

Name of Program:	**Courses:**
Plumbing and Gas Fitting Certificate	PLMB 1120 PLMB 1130

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.
As students process through the program, they will learn various aspects of the Plumbing Trade. Our lab has been outfitted with individual student project space, along with individual storage areas. Last year our program helped alongside other CNM Trades programs to build an ecofriendly building that now is set on CNM Main campus.

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	9	0	25
Number of declared majors	7	11	170
Average class size	17	9	8
Annual Average class retention rate is 70% or above (SAGE 65%)	100%	100%	100%
Annual C-Pass rate for coursework is 60% or above	94%	89%	100%
Average class fill rate at 60% or above capacity within a term or over a year	85%	45%	40%
Transfer numbers/percent	NA	0 (0%)	1 (4%)
Full-time to part-time faculty ratio	2: 0	2: 0	2: 0

Summarize how your program met or did not meet the target measures based on the data above.
This program since I have taken over has met all benchmarks except for the annual number of graduates. We are going to re-evaluate the courses that translate to other programs and see where we can retain students for the annual graduation numbers.

Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
Identify and assess safety compliance for mechanical & plumbing industries.	PLMB 1105	Final Exam, Test or quiz, Practical exam, Class project, In-class activities, Instructor observation, Homework assignments, Paper, and In-class writing assignment.	After a student successfully completes this class through all Assessments given, the student will be proficient in safety compliance for mechanical and plumbing industries.
Perform mathematical computations for offsets, allowances, area, and volume.	PLMB 1305	Final Exam, Test or quiz, Practical exam, Class project, In-class activities, Instructor observation, Homework assignments, Paper, and In-class writing assignment.	Students upon completion will understand how to calculate pipe offsets, allowances for code compliance and area and volume.

Interpretation of Assessment findings
After observation and completed tests, the Instructor can confidently allow students to enter workforce at a basic level.

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	While utilizing our textbook, we will systematically implement more code compliance material for our code book.	Industry standards are set forth in our code books, so we need to be familiar with those set benchmarks.
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: