



# Assessment Report

## PART 1: CONTACT & PROGRAM IDENTIFICATION

Report Year and Contact Information:		
2019-2020	Jeremy Frick	jfrick4@cnm.edu
<b>Academic Year</b>	<b>Contact Person</b>	<b>Email</b>

Name of Program:	Courses:														
Powerplant Maintenance Technician Certificate	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">AVMT 1305</td> <td style="width: 12.5%;">AVMT 1310</td> <td style="width: 12.5%;">AVMT 1315</td> <td style="width: 12.5%;">AVMT 1320</td> <td style="width: 12.5%;">AVMT 1325</td> <td style="width: 12.5%;">AVMT 1330</td> <td style="width: 12.5%;">AVMT 1335</td> </tr> <tr> <td>AVMT 1340</td> <td>AVMT 1345</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	AVMT 1305	AVMT 1310	AVMT 1315	AVMT 1320	AVMT 1325	AVMT 1330	AVMT 1335	AVMT 1340	AVMT 1345					
AVMT 1305	AVMT 1310	AVMT 1315	AVMT 1320	AVMT 1325	AVMT 1330	AVMT 1335									
AVMT 1340	AVMT 1345														

## 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.
<ol style="list-style-type: none"> <li>1. AVMT 2019-2020 Graduates: 12 Powerplant Certificates.</li> <li>2. 10 Tanker was our top local employer for 2019-2020. They employed 5 of our students.</li> </ol>

**Part 3: DATA REVIEW**

<b>Program Data</b> <b>(Each Review Year is defined as Summer, Fall, and Spring terms)</b>	<b>Review Year</b> <b>19-20</b>	<b>Review Year</b> <b>18-19</b>	<b>Review Year</b> <b>17-18</b>
Annual number of graduate awards is greater than 10	12	10	18
Number of declared majors	1	1	0
Average class size	16	13	10
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%	96%	96%
Average class fill rate at 60% or above capacity within a term or over a year	59%	50%	44%
Transfer numbers/percent	NA	0 (0%)	1 (6%)
Full-time to part-time faculty ratio	9: 0	9: 0	12: 0

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

11/17 students finished the Powerplant certificate with one out of sequence student finishing classes bringing the total to 12 Powerplant Certificates for 2019-2020.

**Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.**

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
FAA Powerplant Exam	Powerplant Certificate	Standardized test.	Powerplant Written Exam (FAA, External): 2019-2020, Pass Rate 8/8 (100%), Average Score 88%.
Powerplant Written Final	Powerplant Certificate	Standardized test.	Powerplant Written Exam (CNM, Internal): Spring 2020, Exam Average: Data Not Available, Pass Rate 14/17 Students (82%).

**Interpretation of Assessment findings**

Powerplant Written Exam Analysis. Internally at CNM the average score data for the written exam for this assessment cycle is not available, different testing methods were used. 14/17 Students passed the Powerplant Curriculum in the Spring of 2020. For this cycle, 8 students tested with the FAA producing an average score of 88% and a pass rate of 100% (8/8). In comparison with the 2019 National Average published by the FAA the average score nationwide is 76.47% and CNM Students averaged 88% with the FAA. A moderate number of students who completed the Powerplant Certificate (12) tested with the FAA (8).

**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	Pass rates were satisfactory for the Powerplant Certificate 14/17 with one student with an incomplete due to COVID.	N/A.
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**

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