



Assessment Report

PART 1: CONTACT & PROGRAM IDENTIFICATION

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

Name of Program:	Courses:
Airframe Maintenance Technician Certificate	AVMT 1005 AVMT 1010 AVMT 1015 AVMT 1020 AVMT 1025 AVMT 1105 AVMT 1110 AVMT 1115 AVMT 1120 AVMT 1125 AVMT 1130 AVMT 1135 AVMT 1140 AVMT 1145

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"> 1. AVMT 2019-2020 Graduates: 13 Airframe Certificates. 2. AVMT Fall 2019: 8/25 Students completed the General Curriculum. 3. 10 Tanker was our top local employer for 2019-2020. They employed 5 of our students.

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	13	12	12
Number of declared majors	11	4	8
Average class size	17	17	14
Annual Average class retention rate is 70% or above (SAGE 65%)	98%	100%	96%
Annual C-Pass rate for coursework is 60% or above	69%	93%	89%
Average class fill rate at 60% or above capacity within a term or over a year	66%	66%	54%
Transfer numbers/percent	NA	0 (0%)	0 (0%)
Full-time to part-time faculty ratio	14: 0	13: 1	12: 2

Summarize how your program met or didn't meet the target measures based on the data above.

According to program records, Summer 2019 had 17 students enrolled in the Airframe Certificate. These 17 students passed the General Curriculum. Out of that cohort, 5 failed one or more Airframe class(es). 12/17 finished the Airframe Certificate. 13 Students earned the Airframe certificate for 2019-2020. In the Fall of 2019, online courses were offered for the first time. 25 students registered for the AVMT program in the General Curriculum. Out of those 25 students, only 8 passed (32%) all the General courses. The General courses are a prerequisite for the Airframe and Powerplant courses. Due to the low numbers, the Federal Aviation Administration approved 4 students to continue with the program. These students failed one General course and are expected to graduate a term later than their cohort. The total number is 12 students in the cohort and 8 are expected to graduate on time, Summer 2021.

Part 4: PROGRAM LEARNING OUTCOME ANALYSIS.

Learning Outcome	Population or Course(s) Assessed	Assessment Methods	Summary of Assessment Results
Airframe Written Final	Airframe Certificate	Standardized test.	Airframe Written Exam (CNM, Internal): Summer 2019, Exam Average: Data Not Available, Pass Rate 12/17 Students (71%).
FAA Airframe Written Exam	Airframe Certificate	Standardized test.	Airframe Written Exam (FAA, External): 2019-2020, Pass Rate 3/4 (75%), Average Score 83%.
FAA General Written Exam	General Curriculum	Standardized test.	General Written Exam (FAA, External): 2019-2020, Pass Rate 8/8 (100%), Average Score 87%.
General Written Final	General Curriculum	Standardized test.	General Written Exam (CNM, Internal): Fall 2019, Exam Average: Data Not Available, Pass Rate 8/25 Students (32%).

Interpretation of Assessment findings

1. General 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. 8/25 (32%) Students passed the General Curriculum in the Fall of 2019. 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 75.43% and CNM Students averaged 88% with the FAA. Our students perform well on the FAA General written but not a low number passed the General Curriculum, 8/25 (32%).
2. Airframe 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. 12/17 Students passed the Airframe Curriculum in the Summer of 2019. For this cycle, 4 students tested with the FAA producing an average score of 83% and a pass rate of 75% (3/4). In comparison with the 2019 National Average published by the FAA the average score nationwide is 78.94% and CNM Students averaged 83% with the FAA. A low number of students who completed the Airframe Certificate (12) went on to test with the FAA (4).

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	Our program needs to discuss our attrition rates again. There was concern about face-to-face attrition rates. Now, we are losing even more first term students with online learning. An action item would be to remove the Clemson Lecture videos and replace them with our own lectures where we've seen more success.	8/25 (32%) Students completed the General Curriculum in the Fall of 2019.

Upcoming year	Changes planned for the upcoming year	Data motivating this change
2020-2021	Our program needs to discuss internal testing methods again. Previously, our department and administration identified testing as a contributing factor to the high attrition rates. The FAA instructor’s handbook, FAA-H-8083-9A, provides examples for writing exams.	8/25 (32%) Students completed the General Curriculum in the Fall of 2019. 12/17 (71%) Students passed the Airframe Curriculum in the Summer of 2019.
2020-2021	Our program needs a formal process to discuss student feedback. CNM offers the Small Group Instructional Diagnosis (SGID) which provides a third-party method of gathering student feedback. This method or one similar would be helpful in discussing methods for improving student learning. This would provide an objective standard to identify and discuss best Instructional practices.	8/25 (32%) Students completed the General Curriculum in the Fall of 2019. 12/17 (71%) Students passed the Airframe Curriculum in the Summer of 2019.

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: