



## AVMT Advisory Committee Minutes, Spring 2024

**Date:** March 27, 2024

**Number of Attendees:** 20

**Called to order:** 3:30 pm

**Adjourned:** 4:55 pm

**Chairperson:** Mike Racine

**Recorder:** Jennifer Woods

**Location:** CNM Advanced Tech Center and Zoom

**Members present from industry:** **Brian Boyd**, ABQ Sunport; **Alex Carothers**, Albuquerque Aviation Academy; **Casey Durham**, USAF; **William Fitzpatrick**, NMDOT; **David Gerken**, Snap-On Industrial; **Ted Hartenstein**, Volcano Vista HS; **Mike Racine**, Retired A & P; **Melodee Saiz**, APS

**Members present from CNM:** **Sharon Gordon Moffett**, Interim Dean; **James Hernandez**, Instructor; **Jackie Lamoureux**, Interim Associate Dean; **Justen Martinez**, Instructional Support Tech; **David Ortiz**, Lab Manager; **Marshall Ruff**, Instructor; **Jennifer Woods**, Academic Tech Assistant; **CNM AVMT Students:** Matthew Giese, Sunny Workman, Ryan Francis, Valente Garcia, Tyler Miller.

**Next scheduled meeting:** TBD for fall 2024

**I. Welcome/Introductions:** Mike started the meeting and everyone introduced themselves.

**II. Minutes:** Minutes from the fall 2023 meeting approved as written.

**III. Reports:**

- 1. College Updates:** Sharon reported: The Higher Learning Commission (HLC) has reaccredited CNM for another ten years. The HLC was highly impressed by CNM in all categories. The new VP of Education & Learning will start the search for a new permanent dean for STA. Once that person has been identified, the search will start for two permanent associate deans.

The college-wide integrated program review (CIPR) is now in the program support phase. The AVMT program is in the category of FIX, which means we need to continue to grow this program. The enrollment numbers are low, and graduation numbers are low. The college will work to increase enrollment by 25%; our Marketing department will promote this program, and we will work to target students who need tutoring. A tutor could be a CNM employee or an industry partner. We will also update the curriculum. We are considering flexible scheduling options, and consider a second cohort.

March 8 was College Day and about 2,000 high school students came to Main Campus to tour all of our programs. Friday, March 22, was the third annual *Women in Trades Summit* on Main Campus, which was hugely successful. CNM graduation is May 4.

Aviation is not participating in this year's SkillsUSA competitions.

Marshall and Jim attended the ATEC training conference in Tucson, which was a train-the-trainer event. They have a few more virtual trainings to do and homework assignments. They learned new techniques for giving quizzes, and other engagement techniques. At the end of classes there is a 60-day time frame for students to take their exams, which is the method the FAA uses to evaluate the effectiveness of an A&P school. For CNM, the clock starts after the last day of class this spring for the Powerplant students. The FAA counts only those students who have taken their tests in the 60-day period. Data must be accumulated for 3 years, and the



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information is transmitted to the FAA from the DME. William noted that students who take their O & P exams outside of the 60-day period will not be captured and recorded. This could be a problem for calculating pass rates. There must be a 70% pass rate, and the FAA gives feedback. Sharon and Jackie will meet with the instructors to hammer out the details. There are a lot of metrics that need to be examined. For further information, please contact Jackie, Sharon, and Jim.

Marshall talked briefly about a new 3-D interactive software program for teaching aviation mechanics. The deans would like to meet with him to discuss this program. There might be funding sources to pay for it.

2. **Enrollment and Graduation Stats:** Jackie reported: Spring '23 to fall of '23, we awarded ten Airframe certs, six Powerplant, and four AAS degrees.
3. **Equipment/Perkins purchases:** Sharon said that the new Perkins grant cycle will start soon.
4. **David reported the New Training Equipment:** Perkins/Equipment Replacement: AVOTEK
  - RR Allison 250 Turbine Engine Cut-Away
  - P&W JT15D Remove and Replacement Turbine Engine
  - Air Cycle Air Conditioning System

**IV. Old Business:** Ingenuity Prep Class: David Ortiz said that he taught the prep class once through CNM Ingenuity and had 3 students. If we have 6 students, we can run the class again. There is a lot of funding to help students pay for this class. William said the funding from the USAF is a little more complicated. The DOT cannot endorse the use of Ingenuity for training purposes without the blessing of the USAF.

Ingenuity is no longer a testing center for the Oral and Practical exams. There had been a pay issue with the former DME. There is only one DME available to do testing in this area. William asked if another DME can be appointed by the FAA. William can help with this by engaging the DOT cabinet members about this shortfall. Ted said that there is no qualified immunity for examiners. If this were to be waived, we might see more interest by examiners.

Sharon said that ATC 115 is not available for use by the AVMT program as a paint booth.

**V. New Business:** Ashley talked about the WCS, Workforce and Community Success. She can help with on-campus events such as info sessions, tabling events, career fairs, and can help with the online job board. Internships are a big focus for the college, and we have funding from HED to help pay for internships. Contact Ashley at [aprelo@cnm.edu](mailto:aprelo@cnm.edu).

Sharon said that she would encourage the members to take the short survey, links on the agenda. There will be a question about learning outcomes. These are included with the minutes.

**VI. Reports from Industry Members:** Ted said that Double Eagle Airport is having their aviation academy camp, June 3-7. He would like for kids at VVHS to get more involved with dual credit classes at CNM. He would like to see if he can do more prerequisites at the HS so students can have a shorter experience at CNM. He said that Eclipse Aviation is getting bigger. Two CNM graduates are working with them now.

Alex said that he missed CNM at the Albuquerque Career Fair at Berna Facio. The college was there, but representing all programs, not just AVMT. He is concerned that CNM should do a better job with publicity. He said that many of the students at Albuquerque Aviation Academy (AAA) want to come to CNM AVMT. The AAA can become an extension of the CNM program, allowable by the FAA. For the science and math prerequisites, we would have to do a crosswalk between the two institutions. The VVHS principal, Justin Griego, would like to move forward with this discussion.

William asked if CNM keeps metrics and tracking for the AVMT program. Jackie said that the Covid years are removed from data sets. She thinks we are able to get FAA certification data. He would like to render support for program shortfalls. He'd like to see this information at the next advisory meeting.



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William also said that CNM could obtain used equipment by using Excess Federal Property to do a transfer of property to the school. The Defense Logistics Agency is the entity that has all the paperwork. CNM would need to set up an account with them. He reported that the NM Aviation Conference is in Ruidoso, May 8-10.

Brian is still trying to get a flight school at the Sunport.

Dave G. and Ted talked about the new NC3 kits and certifications that Snap-On has created. They will talk together off-line.

**VII. Adjournment:** 4:55 pm

## Learning Outcomes

### Airframe Maintenance Technician, Certificate of Completion

Upon successful completion of this program, the students will be able to:

1. Demonstrate the ability to apply knowledge of basic facts, principles, theories, and concepts
2. Demonstrate the ability to locate information and maintenance data for repair and inspection purposes
3. Demonstrate the ability to make independent and accurate judgements as to equipment airworthiness
4. Demonstrate the ability to perform basic operations using appropriate data, tools and equipment
5. Service aircraft.

### Powerplant Maintenance Technician, Certificate of Completion

Upon successful completion of this program, the students will be able to:

1. Demonstrate the ability to apply knowledge of basic facts, principles, theories and concepts.
2. Demonstrate the ability to locate information and maintenance data for repair and inspection purposes
3. Demonstrate the ability to make independent and accurate judgements as to equipment airworthiness
4. Demonstrate the ability to perform basic operations using appropriate data, tools and equipment
5. Maintain and repair aircraft powerplants.

### Aviation Maintenance Technology, Associate of Applied Science

Upon successful completion of this program, the students will be able to:

1. Demonstrate the ability to apply knowledge of basic facts, principle, theories and concepts.
2. Demonstrate the ability to locate information and maintenance data for repair and inspection purposes.
3. Demonstrate the ability to make independent and accurate judgements as to equipment airworthiness.
4. Demonstrate the ability to perform basic operations using the appropriate data, tools and equipment.
5. Maintain and repair airframe components of an aircraft.