

AVMT Advisory Committee Minutes, Fall 2024

Date: September 25, 2024

Number of Attendees: 20

Called to order: 3:30 pm

Adjourned: 5:05 pm

Chairperson: Jeremy Frick

Recorder: Jennifer Woods

Location: Advanced Tech Center 108 & Zoom

Members present from industry: **Brian Boyd**, ABQ Sunport; **Alex Carothers**, ABQ Aviation Academy; **Justin Daugherty**, MAXA; **Michelle Douglas**, APS-Chair Math Dept.; **William Fitzpatrick**, NMDOT; **David Gerken**, Snap-On Tools; **Justin Griego**, VVHS-Assist. Principal; **Ted Hartenstein**, VVHS; **Dathan Power**, Aersale; **David Reines**, CSI Aviation; **Melodee Saiz**, APS

Members present from CNM: **Jeremy Frick**, Instructor/Program Director; **Sionna Grassbaugh**, Interim Assoc. Dean; **Erin Johnson-Kruft**, Interim Dean; **Justen Martinez**, Lab Tech; **Jessica Metz**, CNMI; **David Ortiz**, Lab Manager; **Ashley Prelo**, WCS Outreach Mgr.; **Marshall Ruff**, Instructor; **Jennifer Woods**, Academic Tech Asst.

Next scheduled meeting: TBD

I. Welcome/Introductions: Jeremy opened the meeting and everyone introduced themselves.

II. Minutes: Minutes from Spring 2024 meeting approved as written.

III. Reports:

- 1. College Updates:** Erin reported: There is a change in program directors-Jeremy F. is now the program director for AVMT. James Hernandez left the program. Sharon Gordon Moffett retired this year and Erin Johnson Kruft is the new interim dean. There is a proposal on the ballot in the upcoming election for funds for the CNM Maker Space. The new main campus trades building will open in 2025. Sionna mentioned the CIPR process, which is a college-wide assessment of all programs. Programs that are designated as FIX or GROW will be able to receive funding and marketing from the college. There is a full cohort this fall for the AVMT program.
- 2. Enrollment and Graduation rates:** Enrollment at the college has been slowly trending upwards. Marshall has a big group in his class (25 students) and they are doing well.
- 3. Equipment:** David said we received an Alison 250 cutaway engine. We are replacing J34 s, and received a turbine engine. David would like to retire some of our older aircraft and purchase newer models. We would love to get a Huey helicopter if possible. William F suggested going through the federal excess property program. Logistics for this are complicated. Jeremy suggested we might purchase a flight simulator. There will be further discussions.

Last weekend was the Double Eagle Fly-In. Jeremy said that there was a lot of interest in our program.

IV. Old Business: Jeremy talked about the prep course for experienced mechanics who are seeking to test for their certifications. This includes Air Force and civilian mechanics. Two years ago, this class was taught by David through Ingenuity. There were only 3 students, even though there are hundreds of mechanics in this state who would like to do this. Obstacles included getting 8610-2 from the FAA, and getting funding to pay for the class. We are still interested in doing this. Jessica M. jmetz9@cnm.edu is on board to help, and can provide funding for the class. The class that David taught was two hours, in the evenings, four days a week, for two weeks. There will be further discussions about this.



School of Skilled Trades & Arts

V. New Business: WCS – The end of October there is a luncheon for our students here at the ATC offered by ATEK. Boeing would like to do a virtual presentation. Ashley talked about the WCS – aprelo@cnm.edu can help with job postings, hiring events, and internships. There is funding for paying for interns. There is an advanced manufacturing career fair on October 30.

Our curriculum is very generic, but *FAA.gov* has more information if anyone is interested in the 1300 categories.

VI. Reports from Industry Members: Ted H from Volcano Vista HS would like to have the Aviation Math class taught at the high school for dual enrollment students. Aviation Math is very basic high school math. Discussion followed about the difficulties some CNM students have with math. The college is looking at different ways to support students and different options were discussed. A dual credit math class would help new students be successful for the rest of the AVMT program. Justin Griego requested a copy of the math course at CNM. Sionna will send that to him.

Jeremy discussed offering classes in high schools for dual credit students. The issue is there needs to be a dedicated A & P certified instructor to teach the classes, which is 405 hours of the General portion of the program. Jeremy is in contact with Dr. Lauren Chavez of AAA about the possibilities. An alternative is to teach a systems class to high school students as an introduction to maintenance. There needs to be a curriculum alignment with the ACE standards. Dual credit students need to meet credit standards from the FAA along with the standards set by the high school curriculum board. Further discussion on this topic is required.

Dathan said he needs people who can do NDT.

Justin D. sells software for aviation. He remarked that aviation is becoming more and more automated and computer-based. All of our maintenance manuals are loaded on iPads in the lab. Today's students are more astute with the digital world.

Alex C. said that not all of his students want to become pilots. About 40% want to become pilots, and the rest want to pursue other jobs in aviation. He is in his new building, and is really happy with it. Student enrollment is at 306. They also have a drone program, and a hot air balloon program.

Ted said that he has 110 students in Jr. ROTC, and about half of them want to explore maintenance careers. Several hundred students are involved in CTE programs like Auto, but many of them are interested in aviation.

Sionna suggested there should be a sub-committee for the aviation members interested in dual credit.

VII. Adjournment: 5:05 pm