

AVMT Advisory Committee Minutes, Fall 2023

Date: September 27, 2023

Number of Attendees: 19

Called to order: 3:30 pm

Adjourned: 5:05 pm

Chairperson: Jackie Lamoureux

Recorder: Jennifer Woods

Location: CNM Advanced Tech Center and Zoom

Members present from industry: **Brian Boyd**, ABQ Sunport; **Alex Carothers**, SAMS Academy; **Lauren Chavez**, SAMS Academy; **William Fitzpatrick**, NMDOT-Safety & Education Division; **Nefi Griego**, Eclipse Aerospace; **George Kerr**, APS-Work- Based Learning Coordinator; **Justin Griego**, Volcano Vista HS, Asst. Principal; **Ted Hartenstein**, Volcano Vista HS AF JROTC; **Vernon Oliver**, US Airforce; **Dathan Power**, Aersale; **Mike Racine**, Geomni, Ret.

Members present from CNM: **Samuel Cook**, Instructional Support Tech; **James Hernandez**, FT Instructor; **Jackie Lamoureux**, Interim Assoc. Dean; **David Ortiz**, Lab Manager; **Roderigo Padilla**, Interim Assoc. Dean; **Ashley Prelo**, WCS Outreach Mgr.; **Marshall Ruff**, FT Instructor; **Jennifer Woods**, Academic Technical Asst.

Next scheduled meeting: TBD for Spring 2024

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

II. Minutes: Minutes from the Spring 2023 meeting approved as written.

III. Reports:

- 1. CNM Updates:** Jackie reported that Amy Ballard and Joe Schaub retired. Sharon is the new interim Dean and Jackie and Roderigo are the new interim associate deans.

We have a new strategic plan for 2024-2026 and there are public forums going on now for community input.

We broke ground on Main campus for the new Trades facility. This will open in fall of 2025.

Enrollment for STA has gone up 9% this fall. The AVMT numbers are: success rate was 93.5%; completion rate is 94.2 %; retention rate is at 99%. The fill rate is 77%.

Marshall Ruff (FT instructor) and Sam Cook (Instructional Support Tech) are our new AVMT personnel. They each said a few words about themselves. Both are graduates of the AVMT program.

The Mechatronics and Film Tech programs will be moving out of this building in 2025, and the Machine tool program will move here. The Aviation program will remain at this location. Jim H. remarked that it would be great if the AVMT program could utilize the empty spaces in order to expand the program and bring more students into the program. There will be further discussion about this in the future.

Jim asked if there is the possibility of using the building just to the east of the lab (which had been used by the truck driving program) in order to create a paint booth and/or additional lab space. The size of the program is constrained by the available space and the need for more faculty. The building might also be used by Ingenuity, but no decisions have been made yet. The members did a show of hands and agreed that the building (ATC 115) should be turned over to the AVMT program in order to expand lab capacity.

- 2. Equipment:** We have a new E82 Turbine engine



IV. Old Business: Ingenuity class for military personnel – Jackie said that we ran one in the spring, and there were three students who completed the 9-week course. In order to keep it going, we need additional faculty. She asked the industry members if they would allow any of their employees to teach. This would be a part time position. There was a challenge with getting funding to pay for the class through the Air Force. The class is open to civilians too. The cost is \$2,000, and includes everything. Vernon said that the Air Force has been supporting skilled bridge programs more and more. William asked if CNM could partner with the military, either through accreditation or a separate program, and provide preparation for those individuals that have experience in maintenance, so they can get their A&P. Vernon said yes. The fall and winter months are the best time to do a class like this.

The group briefly discussed advanced flight training. Brian suggested Lewis University. NM students cannot use the NM Lottery for advanced flight training, because there is no public institution that can receive the money here in NM. CNM taught flight training many years ago, but discontinued the program because it was too expensive and the graduation rate was not high enough to warrant keeping the program. CNM cannot commit to resurrecting this program at this time, but will leave the door open for further discussion.

Ted Hartenstein from Volcano Vista HS said that his school wants to start a pilot training course. He discovered that a lot of students are interested in maintenance. He is looking to line up his existing math and science courses with the same courses in the CNM AVMT program, so students can get dual credit. In order to do this, we have to align the learning outcomes to make sure the same material is being taught at the high school. The FAA changed its rules recently so that we could teach our classes at satellite locations. Jim said that the math and science taught in the AVMT program is similar to college-level classes. The same AVMT courses could be taught at SAMS too, if they are open to having dual credit classes. CNM prefers to start DC classes in the spring. There needs to be further discussions about how to teach dual credit classes at the high schools. Jim H. suggested that the entities who would like to teach DC courses, which would include CNM, Volcano Vista, SAMS Academy and Ingenuity, or any other high schools, should sit down together and hammer out a path forward.

For further information about dual credit, please contact Jackie Lamoureux at lamoureux@cnm.edu.

Justin Griego – justin.griego@aps.edu

Ted Hartenstein – theodore.hartenstein@aps.edu

Alex Carothers – acarothers@samsacademy.com

Jim Hernandez- jhernandez276@cnm.edu

Lauren Chavez – lchavez@samsacademy.com

Marshall Ruff – mruff@cnm.edu

George Kerr – george.kerr@aps.edu

For Apprenticeships – Brian Boyd – bboyd@cabq.gov

Jim asked if it is possible for someone to teach the General portion of our curriculum at SAMS, or anywhere else. As long as it is the CNM curriculum, it would be no problem. The problem is supplying all the necessary equipment for the hands-on work, and finding faculty to teach. Students could be bused to the ATC campus in order to have use of the more expensive equipment for the hands-on exercises. Lauren thinks it is a great idea. More discussion is necessary to figure out the details.



V. New Business: Marshall Ruff and Sam Cook introduced themselves earlier in the meeting.

Ashley talked about the mission of the WCS (Workforce and Community Success). employersupport@cnm.edu Ashley can post jobs, create internships and apprenticeships and conduct information/networking sessions for our industry partners. <https://www.cnm.edu/workforce-community>. October 18, 1:30 to 5:00 pm there is a manufacturing event, and all our partners are welcome to participate. For more information contact apelo@cnm.edu.

Jim would like to see more internships and apprenticeships for CNM graduates. Brian Boyd (email above) said he could talk to Bode about apprenticeships. United just set up a maintenance shop at the Sunport, and he could contact them too.

VI. Reports from Industry Members: Nefi said that the transition to aerospace has been a challenge. Supply chain is a challenge.

George with APS said he has about sixty interns this semester.

Dathan said that Aersale is opening up in other areas, such as a new wire harness shop, plating, machining and welding.

Brian said that he needs people on the management/operational side of aviation. Brian would be happy to come to the classes to talk about airport management. bboyd@cabq.gov.

VII. Adjournment: 5:05 pm