# Center for Advanced Manufacturing Advisory Board

# Meeting Minutes

September 27, 2019

1. Lunch and Social 11:30 – 11:56 am
2. Call to order

**Erik Hanson** called to order the regular meeting of the **Center for Advanced Manufacturing Advisory Board** at **11:56 am** on **September 27, 2019** in **Room CAM-001**.

1. Introductions of those in attendance

Brad Perry – Azteca Milling

Matt Vass – Church & Dwight

Don Austin – Fresno State

Dr. Arun Nambiar – Fresno State

Mario Persicone – PNM Machining

Dan Sousa - SCCCD

Erik Hanson – Madera CCC

Michael Luchesi – Madera CCC

Senal Devasurendra – Madera CCC

Herbert Bartley – Madera CCC

Jason Luchesi – Madera CCC student

Allen Bush – Madera CCC student

1. Approval of Spring 2019 minutes

Mr. Sousa motioned to approve the minutes from the Spring 2019 CAM advisory committee meeting. Mr. Perry seconded the motion. Motion carried unanimously with 12 ayes, 0 nays.

1. Overview of Advanced Manufacturing Program at MCCC
   1. Mr. Hanson spoke on the progress of the new Center for Agriculture and Technology. Anticipated completion date is approximately end of November 2019, and we anticipate offering Manufacturing Maintenance Mechanic courses in Spring 2020 in the new building.
   2. Reviewed Spring 2020 course list, highlighting the new first time offering of MFGT 96, Power Transmission, as well as MFGT 24, 93, & 95 for the completion of the Manufacturing Maintenance Mechanic Certificate of Achievement program.
   3. Handed out new Fall 2020 IMT course list. We heavily discussed the re-designing of Madera’s manufacturing / maintenance programs to better equip our future students for our own local industry, and to break away from the Reedley College model. Mr. Luchesi mentioned the idea that when Madera becomes an autonomous community college, we will be adding and changing programs and courses to fit our local industry needs, such as a 12-unit Metrology program, and sanitary stainless steel, robotic and pipe welding courses
   4. Hanson and Luchesi spoke of Madera CCC needing a new full-time welding instructor to fill the void of Hanson as he moves into the Industrial Maintenance Technician instructor role. The request for new instructor should be approved next week internally, and then move to the Board of Trustees for approval.
   5. Changing the name of Center for Agriculture and Technology (CAT) to Center for Agriculture and Maintenance (CAM-2) was discussed. All in attendance were in agreeance (no vote was taken).
   6. Hanson and Luchesi both spoke on the conversion of the existing CAM classroom to a 24-seat computer lab for CAD / CAM and other manufacturing related training software. They also spoke on the conversion of existing office space to a 3D printer / CNC simulator room.
   7. There was short discussion of keeping the current 7-unit Maintenance Mechanic certificate to offer to work study and/or probation students as the need arises. We will also amend the course in the future to include IT-205, MFGT 94, and MFGT 19V, for a total of 12 units instead of 7 units.
   8. Hanson brought up a 2-unit Applied Mathematics course as a requirement for future manufacturing programs at Madera Community College once we are our own separate college. It was received by the committee with a resounding YES!
   9. Mr. Bush gave some affirming testimony to the work of Hanson, Luchesi, and Bartley in their desire to see students complete the program of their choice, and to carry those skills into the workplace.
   10. As far as labor market discussions, both Mr. Persicone and Mr. Perry re-emphasized their own company needs for qualified, safety-trained graduates from OUR programs. Mr. Persicone added that he really needed new hires that not only have basic skills, but also have a sense of ethics instilled in them. PNM uses a series packages that potential new hires must study and then use in subsequent tasks, to show their retention and applicability. He stated that the students of the Madera CCC programs have thus far been the best hires he has had to date.
2. Program Approval
   1. In the interest of time, we did not discuss each individual IT- course, but as a continuation of last semesters’ committee approval of the courses that are included in the Industrial Maintenance Technician CA and AS programs, a vote was taken to approve the Industrial Maintenance Technician programs. Mr. Persicone made a motion to approve the IMT programs as written. Mr. Perry seconded the motion. Motion carried unanimously with 12 ayes and 0 nays.
   2. A vote was taken to approve the existing Manufacturing Technology programs as transferred from Reedley College, Welder - CA, Welding Technology - AS, Machinist - CA, and Machine Tool Technology - AS. Mr. Sousa made a motion to approve the MFGT programs as written. Mr. Perry seconded the motion. Motion carried unanimously with 12 ayes and 0 nays.
3. Apprenticeship Program updates
   1. Mr. Sousa shared briefly that the $1M Apprenticeship grant from 3 years ago is expiring this year and that all the monies have been spent appropriately and timely. He is still working on writing grants to receive even more funding for the area college, especially for Maintenance programs, due to the wide interest by Central Valley manufacturers and food industry. The Central Valley Maintenance Apprenticeship committee is picking up more and more companies throughout the valley.
   2. Sousa stated that in the last five years since the inception of the SCCCD Apprenticeship program, total student apprentice class hours have increased from 2,000 to 90,000, indicating a real need for this training.
   3. Mr. Persicone mentioned California Manufacturing Technology Consulting (CMTC) and their alliance with the San Joaquin Valley Manufacturing Alliance (SJVMA).
4. Next Meeting
   1. The next meeting of the Advanced Manufacturing Advisory Board will be a lunch meeting sometime during Spring 2020.
5. Adjournment
   1. Mr. Hanson adjourned the meeting at 1:06 pm.

Minutes submitted by: Erik Hanson, September 27, 2019