

**Palomar College
Drafting and Machining
Advisory Committee Meeting Minutes
25 March 2021**

Committee Members:

David Carmody, San Diego PCB, Inc., Advanced Certified IPC Designer
Chris Curran, Naval Surface Warfare Center (NSWC), Technical Project Manager
Ira Henderson, KES Inc, CAD Designer
James McMillen, General Atomics Aeronautical Systems, Inc.
Paul Taubman, Nine Dot Connects, Technical Service Director
Nate Mitchell, KES Inc., SPAWAR/NIWC, Project Engineer
Rea Callender, Altium Inc., Community Outreach Director
Ray Elledge, Verisurf CMM Education USA
Juswanto Wardojo, pSemi Corporation
Ruishan Chow, Director of Community Engagement
Michael Wright, Palomar College, Associate Professor
Art Gerwig, Palomar College, Associate Professor
Anita R. Talone, Palomar College, Associate Professor

Meeting called to order at 1:03pm by Anita R. Talone.

Welcome and introductions were made. Members spoke about their company, what they do there, and which technologies and software they are using. Members were thanked for serving on the committee.

Palomar College updates were discussed:

Michael Wright spoke about the new Machining Program and all the progress he has made with curriculum, equipment, and installation. Members discussed various equipment that they felt Machining and Drafting needed such as laser scanners, better and more 3D printers, computers, dual monitors etc., software packages for the GD&T class.

Discussion ensued about Engineering Department deciding to remove the cross-listing from Drafting Technology courses. It was brought up that now that we need to update our curriculum again it would be a good time to make sure we have industry standard and “student-friendly” titling for all our courses and certificates. It was also suggested that we rename our discipline to “Practical Engineering”

It was discussed that some of the Machining classes had returned to face-to-face instruction. It was discussed that Drafting Technology would return to face-to-face instruction in Spring 2022 due to classroom and proximity constraints.

It was announced that Dean Margie Fritch and FT Faculty Dennis Lutz had retired. It was mentioned that we are in need of instructors.

All approved Drafting AS Degrees and Certificates of Achievement were reviewed:

Mechanical Engineering Drafting and Design Technology
Electrical Engineering Drafting and Design Technology
Drafting and Design CADD/CAM Technology
Drafting and Design Technician - AutoCAD
Drafting and Design Technician - SolidWorks
Drafting and Design Technician - Creo

All comments were exceptionally positive for all the new courses, Certificates and AS Degrees. It was suggested to change the wording of the 9-unit certificates from “Technician” to ‘Proficiency” or “Associate.”

The Labor Market was discussed:

There are more jobs than we can fill right now. We do not have a handle on our student’s abilities teaching online as well as we did when we were face-to-face. Chris Curran spoke of his internship programs for our students. Ruishan Chow spoke of a paid externship at Cadence for Ft and PT Faculty and asked Anita to email it to all instructors.

Marketing and Advertising of Drafting Program were discussed:

Our Advisors unanimously agreed that we are in need of Industry Standard equipment/computers. The Dell computers we currently have are not industry standard and cannot run the multitude of software loaded on them.

There was much discussion about the need for a new/adequate facility to house/run our Programs.

Our Advisors agreed we need advertising and marketing for our Programs. It was suggested that we check out a website called Edge Factor which has worked phenomenally for other schools.

Our Advisors also agreed our website is in need of serious updating and pizzazz.

There was no other business discusses due to lack of time.

The members were thanked, and the meeting was adjourned by Anita R. Talone at 2:30pm.