

Palomar College
Drafting Advisory Committee Meeting Minutes
10 March 2020

Committee Members

Luke Hausherr, San Diego PCB, Inc., Advanced Certified IPC Designer
Chris Curran, Naval Surface Warfare Center (NSWC), Technical Project Manager
Ira Henderson, Quality Cabinet- Glen Reider – Estimator/Drafter
Daniel Enriquez, Hughes Circuits, Inc., Design Manager
James McMillen, General Atomics Aeronautical Systems, Inc.
Paul Taubman, Nine Dot Connects, technical Service Director
Joseph Begley, Select Electric, Lead Estimator
Dale Puett, Naval Surface Warfare Center (NSWC), Technical Outreach Director
Nathanael Mitchell, KES Inc., SPAWAR/NIWC, Project Engineer
Judy Warner, Altium Inc., Community Outreach Director
Margie Fritch, Dean of Career Technical and Extended Education
Art Gerwig, Palomar College, Associate Professor
Anita R. Talone, Palomar College, Associate Professor

I. Call to Order

Meeting called to order at 10:02am

II. & III. Welcome & Introduction

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 their willingness to serve on the committee.

San Diego PCB, Inc. – Altium, Orical, Expedition, PADS, Mentor Graphics

Glen Reider - AutoCAD, Revit, Inventor

Hughes Circuits, Inc. – Altium, Mentor Graphics, Expedition, PADS, AutoCAD, SolidWorks

General Atomics Aeronautical Systems, Inc. – Creo, AutoCAD

Paul Taubman, Altium, Allegro

Select Electric – AutoCAD Civil 3D

KES Inc., SPAWAR/NIWC – AutoCAD, SolidWorks, Mentor Graphics

III. Approval of Minutes

Minutes were approved.

IV. New Business/ Palomar College Updates

A. Palomar Pathways Mapper Tool

Discussion of how students will need to pick a “path” when registering and links will take them to all programs and courses, which include career information, course descriptions and program descriptions.

Credit for Prior Learning

Students will be able to earn credit for on the job experience that correlates to our courses

B. Review of Proposed AS Degrees and Certificates

- a. Mechanical Engineering Drafting and Design Technology
- b. Electrical Engineering Drafting and Design Technology
- c. Drafting and Design CADD/CAM Technology
- d. Drafting and Design Technician – AutoCAD
- e. Drafting and Design Technician – SolidWorks
- f. Drafting and Design Technician – Creo

All comments were exceptionally positive for all the new courses, Certificates and AS Degrees.

C. Labor Market/Internships/FT Drafting Jobs

Glen Reider presented their internship program to the committee as well as Dale Puett from NSWC spoke of an extensive program for internships. Sandia.gov internships for M-CAD and E-CAD are available for AS Degreed Palomar graduates.

Labor market is great; jobs are available for our graduates.

D. Marketing and Advertising of Drafting Program

Tabled due to lack of time.

E. Technology, Equipment and Facility

We have outgrown our current classroom space. We share it with the Machining, Architecture and Interior Design Disciplines as well. The old library is empty and suggestions have been made that the college consider moving us into that space.

3D Printing, Rapid Prototyping and 3D printers with conductive ink were discussed. Testing equipment for circuit boards should be considered.

Judy Warner let us know that free Altium software would be made available for students in the PCB Layout class.

F. Any Other Business

None.

G. Adjournment

The members were thanked, and the meeting was adjourned at 11:45am.