



School of Applied Technologies and Apprenticeship Drafting Technology Advisory Meeting

Minutes

Date: Friday, March 15, 2024
Time: 9:00AM-10:30AM
Room: ATEC-109
Facilitator(s): Farshid Mirzaei
Scribe: Ban Kassieh

Drafting Faculty:

Farshid Mirzaei Faculty, Norco College

Farshid.mirzaei@norcocollege.edu

Attendees:

Linnie Bailey	CNUSD CTE Community Business Liaison	linnie.bailey@cnusd.k12.ca.us	
Marilyn Peters	Aluminex Inc.	Marilynp@aluminexinc.com	
Peter Mossel	City of Riverside Public Utilities	pmossel@riversideca.gov	Electrical Engineering- Substation
Armando Saldana	Panasonic	Armando.Saldana@gmail.com	
Michelle Youngblood	K and B Engineering	myoungblood@kbeng.net	
Carina York	IEDRC Employment Engagement Manager	cyork@msjc.edu	
George Belor	belorgeorge@gmail.com		

Call to Order 9:10am

1. Welcome and Introductions
2. Overview of Drafting at Norco College and Industry Trends-Farshid Mirzaei
3. Discussion around Work Based Learning
 - a) Working and learning at the same time
 - i. Professor Farshid Mirzaei encourages working students to bring their work projects into the classroom for working on together.
 - ii. Classroom culture of teamwork to accomplish a project.
4. Drafting Certificates and Degree Pathways offered at Norco College-Farshid Mirzaei
 - a) Online courses, hybrid courses, advanced, and fast track courses.
 - b) Success of students also increases with students taking non-credit courses to augment their skill sets and employability.

5. How to increase student employability.
 - a) Linnie Bailey, CNUSD CTE Liaison discussed the importance of working and studying in programs under the CTE department by building partnerships between Norco College and the industry and job opportunities for students.
 - b) Linnie Bailey from CNUSD CTE stated that we are in the process of introducing the drafting program at the high school level to jump start the high school students and the open house is on Oct 5 at J.F. Kennedy high school.
 - c) Armstrong & Brooks Consulting Engineers, a Civil Engineering company
 - i. Need drafting people in the construction area including
 - d) Fleetwood, Manufacturer of Aluminum Windows and Doors representative stated she is also in need in drafting people in the area of Architecture and custom design.
 - e) City of Riverside also in need of drafters and civil engineers.
6. Special Assistance for Students-Farshid Mirzaei
 - a) Language Barriers-connecting to other students with shared experiences
 - b) Tutoring Center at Norco College is accommodating with bilingual students who speak English, Spanish, Mandarin, and Arabic languages
7. Software used and future needs
 - a) Software used in industry and agreed upon by the advisory group include Auto CAD, SolidWorks, Revit.
 - b) Norco College offers students access to the software and CTE grants such as Strong Workforce helps support licenses and certifications.
 - c) Question from Peter Mossel, City of Riverside Public Utilities to Professor Mirzaie of applicability of AutoCAD beyond drafting, such as in business and accounting.
 - d) Professor Mirzaei conveyed skill sets used are transferrable to other computer applications and work projects including spreadsheets and CNC machining.
8. Certificates at Norco College-6 Unit (2 courses) Locally Approved Certificates offered at Norco College:
 - a) AutoCAD
 - b) Revit
 - c) Solidworks
 - d) Essential 3D Tour
 - e) Essential Fusion 360
9. Discussion around AI technology in the industry
10. Question posed by Professor Mirzaei to employer partners attending about interview questions and how to prepare students for the interview process at their company.
 - a) Employer partners in the group agreed unanimously that matching your resume with keywords of job posting is key to making it to interview rounds.
 - b) Paula Barrera Partida, Norco College's CTE Employment Placement Coordinator offers job searching assistance as well as resume building and interview prep for drafting students and also can be contacted to post jobs. Her contact information is : Paula.Barrera@norcocollege.edu
 - c) Students need assistance and help to get career ready.
11. Apprenticeship Opportunities in Drafting
 - a) Linnie Bailey, CNUSD Liasion, confirmed high schools are jumping on board with apprenticeship in High School but drafting has not been established yet.
 - b) Future of apprenticeship offers earn-and-learning model of success.
12. Closing Remarks and Adjournment