

Minutes

Drafting & Design Advisory Board Meeting November 5, 2021 9 am – 9:30 am
Virtual using Blackboard Collaborate

Attendees: Debra Prescott, Department Chair, CTC; Sam Jackson, Program Coordinator; Stacey Brizuela, Office Assistant; Cindy Bighorse, Bighorse Services; Mark Harmsen, Associate Deputy Chancellor, Facilities & Construction, CTC; Brian Czajkowski, VP PecoFacet; Dr. Janice Anderson, Dean of Instruction, CTC; Lina Chtay, Principal Engineer Belton Engineers

Unable to meet: Walter Brizuela, Lab Manager; Jay Manning, Owner of Manning Homes; Thad Boatner, Owner of 2BSign & More; Sam Moore, SHRM CP with BHI; Colen Wilson, GIS Project Manager, City of Killeen; Dr. Martina Ady; Deputy Chancellor, Instruction and Workforce Initiatives, CTC

Welcome and Call to Order

Sam Jackson welcomed everyone and began with introductions of everyone present. He thanked everyone for accepting our invitation.

Old Business:

In discussing information from last year's meeting Mr. Jackson talked about how the students need to learn to calculate the cost of a project. He stated we did that, we added this assignment to our Special Topic courses. We followed on what you agreed on our last meeting. He also stated, our Drafting Lab has returned to normal hours. During the Pandemic the student had to schedule an appointment in the lab and now we are fully operated, we are open everyday for the students. They can walk in, do their assignments in the lab, get the help they need. We have Mr. Walter, he is the Lab Coordinator, and we have two lab assistants and me helping the students achieve their goal to learn and get their knowledge.

New Business:

Internships

Mr. Jackson asked about internships for our students, free, paid or any type of internships, that is going to help the students learn so they can be ready when they finish their Associate degree to get a job. He requested any information regarding internships emailed to Stacey Brizuela so we can post them in our lab. He explained there is a difference between what the students learn in the classroom versus what they learn in the field, we introduce them to the concept, problem solving, how to design and use AutoCAD, but the field experience is completely different and working on a project in a company gives them a lot of knowledge they can put on

their resume and get a good job or continue to a four-year institution to finish a Bachelor degree.

Mr. Brian Czajkowski agreed and is a big proponent of internships. Mark Harmsen agreed also and anytime we can provide a real-world experience for the student is a great thing and would support it very much. Cindy Bighorse mentioned City Engineers in regards to internships.

Curriculum Decisions

Mr. Jackson stated we have a class in our degree DFTG 1358 Electrical/Electronic Drafting and was wondering if we should replace this class with something that would help the student more in the future or is it a good class to keep in our degree plan? He is asking for feedback if this is a good course to keep in our degree or replace it with something that would give them more knowledge that they need when they work in the field, for example Commercial Architects.

Mr. Brian Czajkowski asked if we still offered pipe drafting since companies want drafters who are knowledgeable in ASMA code vessels and pressure vessels and things like that and they want them to be able to help with design also. He mentioned talking to some of the big companies and find out what their needs are in regards to circuitry and electrical drafting. Mr. Mark Harmsen mentioned technology will continue to increase but how to apply it to the changing technologies with emphasis on solar vehicles, i.e. Tesla in Austin, Aerospace etc.

Dr. Anderson posed the question, what is going to make your candidate stand out from the rest that would give them a leg up? What's going to make the difference?

Software

Mr. Jackson explained that we use AutoCAD 2021 and every year we update AutoCAD based on the version we receive, are there any other software's that companies use because our Special Topics class would give us the flexibility to add something the students probably need or can give them plus points so when the students graduate they don't just know AutoCAD but other software as well which would help them get jobs in the future.

Mr. Brian Czajkowski mentioned his company uses Inventor as their main program as well as SOLIDWORKS. Ms. Cindy Bighorse mentioned Lockheed uses CATIA.

Future & Review

Sam Jackson would like to invite somebody from a company who works on this area and see their feedback on what they need and expect from the student

Mr. Jackson said in our Special Topics class we would work to add communication for the assignment and will see if we will be able to add SOLIDWORKS. We agreed we will keep DFTG 1358 Electrical/Electronic Drafting.

Mr. Brian Czajkowski asked about our enrollment. Mr. Jackson explained with the pandemic our enrollment went down but now our numbers are starting to rise again. Mr. Jackson also explained it was challenging for some of our classes during that time.

Adjourn

Mr. Jackson thanked everyone for accepting our invitation and appreciated all the feedback.

Stacey Brizuela-recorder