

Fullerton College Construction Technology

Meeting Minutes - Advisory Committee

Call to order / Introductions

A meeting of the Fullerton College Construction Advisory Committee was held in Room 710 at Fullerton College, Fullerton, Ca. on May 23, 2017. The meeting was called to order by Pat McGrew at 3:00 p.m. Pat officiated, made introductions and thanked everyone for their participation. Pat mentioned and acknowledged the Association of Sub-Contractors of America (ASA) Southern California chapter, for their on-going support, stating the organization has provided to the FC construction department monetary contributions program each year for over 10 years. Attendees included: Pat McGrew - faculty, Dave Thomas – faculty, Jonathan Keller – faculty, Tommy Reyes – faculty, Alan Ray – faculty, Derrick Canada – KCS West Construction, Stanley Hadley – Hadley Roofing Construction, Gerald Quast – Building & Safety - City of Anaheim, Corina Braun – CSI Electric, Lee Williamson – LA City Building & Safety, Jen Lozano – student, Andrew Henry – Disneyland Resort.

Review and Approval of prior minutes

Pat overviewed the past minutes and asked for any objections or comments. A motion to approve and accept the last meeting minutes was approved by Alan Ray, and seconded by Lee Williamson.

Overview of Faculty

Pat mentioned the current faculty in the technology department and mentioned their disciplines. Pat spoke about how pleased he was with regards to having a full-time construction faculty member, Jonathan Keller. Dave Thomas mentioned how his architecture department would also benefit from the addition of another full-time faculty member.

Program / Industry Trends / Unfinished business

Pat introduced Lee Williamson who is an inspector with LA City Building Department. When asked about current trends and observations, he mentioned that there is too much work and not enough building inspectors available. Lee suggested that the school encourage students to complete the inspector curriculum and apply to local cities and especially LA City because there are current openings for candidates. Corina Braun spoke about her observations in the construction industry. Her company, CSI Electric provides electrical installations all across southern California and the company is busy and expanding. She mentioned that she was grateful to the education and encouragement of the teachers in the Fullerton College Construction department for giving her the knowledge and confidence to take on the challenge of becoming a Project Engineer at CSI Electric. Corina mentioned that there is more work than her company can currently accept. Jonathan Keller mentioned that he has former clients contacting him for advice and referrals as they are having trouble finding qualified contractors to perform work for them. Also, Jonathan requested an updated sign-in sheet for all in attendance to sign and provide current contact information with e-mail address at the minimum.

Facilities / Laboratory / Equipment Needs

Pat spoke about the current available funding for Career Technical Training (CTE) that the state is boosting forward over the current and next several years. The funding is especially targeting Technical Training which Fullerton College is ready to provide. But, areas for teaching and laboratory space is either over utilized or not available at all. The discussion moved towards how the construction department can provide a better and more dynamic learning experience but will need the facility to do so. Pat mentioned that he was not aware of any upcoming Master Plan improvements for the technology department. Current facilities are not adequate for any expansion, and laboratory space is not officially available. The only actual hands-on work space is a small storage yard behind the only dedicated classroom for the department, Room 710. Jonathan Keller suggested that a new area of at least 30,000+ square foot of building size should be designed and built for construction and architecture. This area could incorporate learning rooms that 'bull-pen' or surround an open space designed for hands-on construction, building and a purposed learning lab. All of this could be built on a raised deck over the staff parking lot behind the technology building, keeping the parking and freeing up other 700 classrooms for architecture and other CTE programs to utilize. Pat mentioned that this would allow the expansion into areas of growth that are currently under-served in all the local community college curriculum, such as Solar Installation Training and Resort & Building Maintenance fields. Dave Thomas mentioned the need for updating computer systems. Pat spoke about the need to have both divisions have computers capable of displaying drawings on screens big enough to manipulate the pictures for students and these monitors need to be moveable and mounted fixed as they are larger than a desktop 19 inch monitor, possibly in the 32 inch size or larger. Allen Ray mentioned that students have been asking about the CAD / Revit software and the need to be able to teach upcoming technologies. Tommy Reyes mentioned that he agrees in the affirmative. Allen and Tommy said that students will also benefit from updated hardware and software that will allow the coordination of Google Satellite mapping and other tools that will assist with designing. Lee Williamson again reiterated about the need for more candidates who are capable of understanding drawings and the building codes, and suggested that students should also learn civil engineering disciplines. Pat replied that the current program is lacking in equipment currently, but that requests for equipment for the surveying program has been requested. Pat then requested a motion to review the possibilities for addressing the funding and development direction to acquire space for new facilities for the construction technology department. The motion was seconded by Corina Braun. Lee Williamson also seconded the motion to review the addition of facilities and additional faculty for the department.

New Business / Recommendations / Curriculum

Jen Lozano suggested that there is a need to have construction internships, possibly with the help of local construction contracting firms. Jen said she would welcome the opportunity to be able to continue taking classes while attending an internship where learned concepts could be applied and utilized. Pat agreed with the suggestion. Regarding the departments current program, Pat mentioned that because onsite facilities are inadequate and the school has provided no assistance and no cooperation with an onsite area for a working laboratory, an off-site location was being utilized. The problem though arose from the use of his personal truck to make material deliveries as he is not being compensated for such a use. Pat also mentioned that he already had prior approval for a division truck, but it was later denied as not necessary. Jonathan Keller motioned that the department needs its own truck for deliveries and material movements. Andrew Henry seconded the motion. Jonathan Keller mentioned that the department should purchase local residential houses and use them as learning labs. He suggested that the classes would be able to teach the remodeling concepts and when the houses were complete, sell them at auction or through other good faith methods and return the profits back into the program to

purchase additional working labs. Andrew Henry agreed with the idea. Pat said more review would need to be completed to find the proper avenue to pursue further. Pat mentioned that because there was not enough room at the school and even the off-site work site was small, that student counts need to be under 20 students. This is especially true with unskilled students and with only one instructor, proper operating techniques and safety issues are hard to monitor. Pat spoke about how the current count of 20 students has had an exemplary record for no injuries and a great safety record. When working around power tools and materials that can cause injuries, more than 20 individuals could cause mishaps. Jonathan Keller agreed and commented that even in the construction field, there is never more than two or three apprentices working without supervision or a journeyman present. In the laboratory arena, to teach students effectively, you either have fewer students, or you need more instructors and/or teacher aides. Jonathan Keller mentioned the need to possibly have a Construction Technology website where we could place links for students regarding jobs locally available, information for students about the industry, and for information about classes and the construction program. Andrew Henry agreed with the idea. Pat said that we will need to look into that idea further.

Announcements / Questions / Discussion / Comments

Pat suggested that the next meeting should be held in October, 2017. No one was in opposition. Pat mentioned that a notice would be sent out via e-mail and / or a phone call to update. Pat opened up the meeting to any additional questions or comments. Everyone was in agreement that no other issues were needed to be addressed at this time.

Adjournment

Pat closed the meeting by again thanking everyone in attendance for being present.

Meeting adjourned at 4:20 p.m.



Documented by

May 30, 2017

Date of compilation and approval

**FULLERTON COLLEGE
CONSTRUCTION TECHNOLOGY**