

Mohammed Albahtiti

Record Title - Do Not Delete : Mohammed Albahtiti

Linked Preliminary Proposal - Do Not Delete : Mohammed Albahtiti

Please share an overview of activities during the previous academic year. : Based on the grant received from Precast/Prestressed Concrete Institute (PCI) Foundation and the National Precast Concrete Association (NPCA) Foundation, California State University-Chico (CSU-Chico) and Kansas State University (KSU) offered the first cross-campus online courses on precast concrete in the Spring semester (January through May 2022). This is the first course from a series of two collaborative course between the two universities. Students were exposed to a hybrid on-campus/online learning environment full of cross-campus mutual interactions as well as interactions with the industry by means of zoom meetings, and guest speakers throughout the learning experience. Virtual site visits to fabrication plants were conducted using plant tours videos available curtesy of both NPCA and PCI. In this first offering, a total of 18 students (17 from CSU-Chico and 1 from KSU) were enrolled in the Precast Concrete Production Management (CNS 644 /CIMT 455) course. As a first offering this course had an initial challenge with the time of another required course at KSU changing which led to a conflict resulting in the low enrollment from KSU students. This issue was discussed earlier in the semester between the two institutions and both funding agencies and a solution was found by changing the course time for future offering. The. Other challenge faced this semester was finding a time that worked for both the local producers and the students for an in-person plant tour. This will be fixed by planning a plant tour in the fall semester (early September) for the second class offered as we are currently in contact with our partner producers to find the right time and date. During the Precast Concrete Production Management course, the students were challenged with a project that involved bidding, marketing, planning, producing, delivering and constructing a secondary containment system of walls for a chemical plant in Louisiana. This was a project that was obtained with the help of the NPCA foundation based on an actual project done by one of their members. Details about the project are given in the Term Project section of this report.

Can you give a few examples of students learning outcomes? : 1. Gain knowledge of skills for effective management of precast concrete production 2. Discuss PCI standards pertaining to efficiency and quality practices in concrete production 3. Gain a thorough understanding of precast concrete manufacturing process

Please upload photos of students engaged in projects, tours, or other activities. : Prestress Annual Report 2022 RC3.pdf

Please share a link to any student work you would like to share. :

Can you share any opportunities that working with your local partner helped the students achieve something that would otherwise have not been possible? : The committed support of the West and Midwest PCI chapters and local fabricators helped the students understand the precast industry from the perspective of the fabricators and industry experts. The interaction with industry professionals is furthered as a key component of this proposed program through direct classroom teaching and learning by guest lecturing on specific topics from the planned curriculum. Jerry Xiong from Jensen Precast and Aaron Ausen from Rosetta Hardscapes served as mentors to some of the students on their projects as well as to the team of students who participated in the NPCA Foundation Student Competition. In addition, Phillip Cutler, the Director of Quality Assurance Programs at NPCA, presented to the students about quality control, certification, standards and requirements in the precast industry. Meanwhile, Shelley Hartnet, the Director of Business Development at Stresscon Corporation, introduced the students to sales and marketing by giving a lecture on Improving Sales Through Effective Marketing.

Is there anything you learned this year that you would like to share with other professors? : Make sure to plan early for tours and maybe include some funds in your proposal for bus/vans to drive students to Precast partner facilities.

Is there anything that the PCI Foundation can do in the future to be of greater service to you during the grant? : Encouraging PCI Partner to engage students or provide ways for students to connect to jobs in the precast market.

Please upload a list of any community partners, precast partners and other people who worked with your students during the year. Include their names and company. : PCI List.docx

Did you attend the PCI Convention? : Yes

Did you attend the PCI Committee Days? : No

Did you attend the PCI Foundation Professors Seminar? : No

Do you have a student assessment of your program that you can share? :

student assessment upload :

Is there anything else you would like to add? :

Created by : integrations+33660@zenginehq.com

Record ID # : 39110501

Last change : 2022-06-10T16:46:18+0000