

Ahmed Abdel-Mohti

Record Title - Do Not Delete : Ahmed Abdel-Mohti

Linked Preliminary Proposal - Do Not Delete : Ahmed Abdel-Mohti

Please share an overview of activities during the previous academic year. : After a busy year since the beginning of PCI studio, McNeese PCI/NPCA is now fully up and running. On January 2022, Dr. Ahmed Abdel Mohti and Dr. Dimitrios Dermisis added NPCA to have a joint studio. The studio featured several courses and plant tours. - Materials of Construction – Reinforced Concrete Design- Prestressed Concrete (Elective) – Water Resources Design At the start of the year, the studio purchased a wide variety of brand-new equipment for the students to perform different experiments and tests for their projects. This includes a large curing tank with thermometer and water heater. The lab also received different types of aggregates and cementitious materials along with admixtures to mix concrete from the scratch. There are also eight computers and a plotter in the lab.

Can you give a few examples of students learning outcomes? : - Understand the difference between precast and cast in place concrete. - Become familiar with PCI design handbook. - Do design of prestressed concrete elements. - Understand the business aspect of precast - Become familiar with underground precast structures.

Please upload photos of students engaged in projects, tours, or other activities. :

Please share a link to any student work you would like to share. : <https://www.facebook.com/McNeesePCINPCA>

Can you share any opportunities that working with your local partner helped the students achieve something that would otherwise have not been possible? : - Dunham Price donated material to prepare self consolidating concrete (SCC) in the lab. We would not be able to provide this hands-on experience without their generous donation. - Dunham Price ready mix hosted our sophomore students and assisted them in performing testing on concrete. - Alfred Miller Contracting provided internship opportunities to two of our students. - Plant tours became possible through the help of our partners.

Is there anything you learned this year that you would like to share with other professors? : Keep adding activities to the studio. You can always build on previous year.

Is there anything that the PCI Foundation can do in the future to be of greater service to you during the grant? : If it possible to provide engineering drawings of previous projects, it will be helpful to students to see professional examples of these drawings.

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. : Annual PCINPCASStudio Report 2 (2022).pdf

Did you attend the PCI Convention? : Yes

Did you attend the PCI Committee Days? : No

Did you attend the PCI Foundation Professors Seminar? : Yes

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? :

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