

CMAC November 2019 Meeting Construction Technology in Education

Committee Team Members

Chair: Matty Read

Co-Chair: Shane Saltzgiver

Members (on meeting call):

- Matt Williamson
- Trey Garcia
- Kevin Williams
- Jeremy Futerman
- Tyler Hecht
- Trevor Houghton
- Luis Esquivel
- Matthew Susank
- Brianna Williams



Construction Technology in Education

Fall 2019 Rock Recap

Recap of Fall 2020 Rocks and Current Status

Rock #1: Utilize digital tools for collaboration and communication

Status: **Complete** (ongoing)

Results:

- Slack: useful tool but limited participation from a handful of members
- Asana: fairly successful for organizing AEC Tech Event & accountability
- LinkedIn Group: I used this for CTEC announcements and outreach to non-CMAC members, but not particularly engaging



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Fall 2019 Rock Recap

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Rock #2: Organize another successful AEC Tech Event

Status: **Incomplete** (Canceled due to COVID-19 pandemic)

Results:

- Our 1st goal was to attract over 100 students and faculty from more majors outside of construction management (80% CM / 20% non-CM)
- Our 2nd goal was to collect better feedback about event
- The event has been postponed due to COVID-19 pandemic



Construction Technology in Education Fall 2019 Rock Recap

Rock #2: Organize another successful AEC Tech Event

The screenshot shows the Asana project management interface for the project 'AEC Tech: Round Table and Tech Fair'. The interface includes a sidebar with navigation options like Home, My Tasks, Inbox, and Portfolios. The main content area displays a list of tasks organized into sections: General Planning, Lock Down Date / Time / Location, Meetings, and Marketing / Outreach. Each task is assigned to a user and has a due date.

Task name	Assignee	Due date
General Planning		
Request Event	Matty Reed	
Determine time and location of event 3	Matty Reed	Dec 2, 2019
Meetings		
Meeting with CCCE, CTEC, and BIM Club	Matty Reed	Mar 10
Send intro email to Matty and BIM Club board 1	Matt William...	Nov 7, 2019
Send email to Jeong to set up meeting	Matty Reed	Nov 7, 2019
Meet with BIM Club	Matty Reed	Dec 6, 2019
Meet with Jeong Woo	Matty Reed	Nov 20, 2019
Meet with Jeong Woo 2	Shane Saltzgi...	Nov 20, 2019
Marketing / Outreach		
Social media posts	Itdoula	
Create Logistics Map	Matty Reed	



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Rock #3: Collect more data via AEC Tech Utilization Survey

Status: **Complete** (but, did not hit our goal)

Results:

- Our goal was to collect 60-80 responses; we were able to collect responses from 40 different companies
- All responses were from CMAC members
- We incentivized survey responses by only sharing results with companies that completed the survey



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Fall 2019 Rock Recap

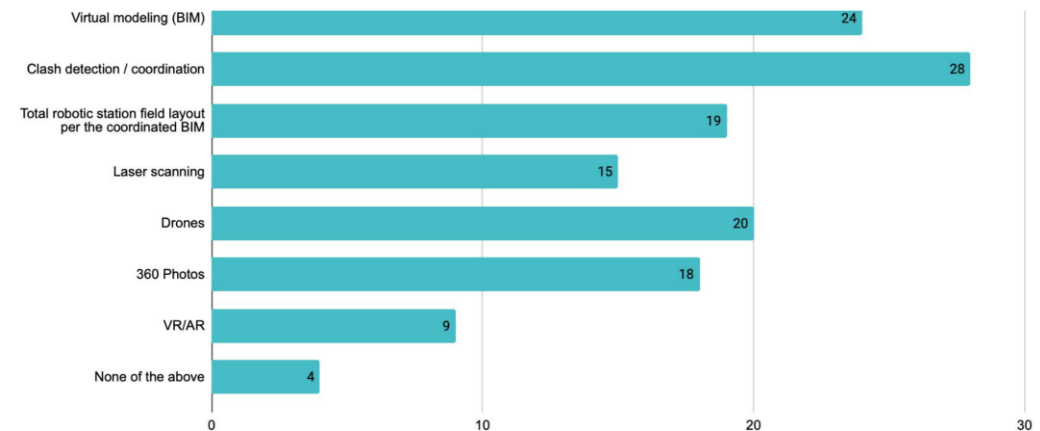
Rock #3: Collect more data via AEC Tech Utilization Survey



2019 Technology Utilization in the AEC Industry

- Today's Date: April 10th 2020
- Created: July 2019
- 40 unique respondents (all CMAC members)
- All survey respondents will be kept anonymous
- Bar graphs represent questions in "multiple answer" format
- Contact Matty Reed with feedback mattyreed1@gmail.com

Which of these services does your company perform in-house?



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Spring 2020 Rocks

1. Utilize digital tools for collaboration and communication
 - Messaging platform: Slack + MS Teams
 - Project management: Asana (or other)
 - Public outreach: Linked Group (or page)
2. Tech Utilization Survey
 - Reach out to Cal Poly CM alumni and active/returning interns
 - Outreach on LinkedIn and leverage partner groups like CPC
 - Define extent of survey; target the industries + locations that students want to work
 - Gather more data! (60+ company responses)
 - Focus on distinguishing core technologies and pilot technologies
 - Gather data about how companies are dealing with remote work environments
3. Collaborate with CCCE to build out CTEC webpage on new website
 - Define constraints and develop wireframe of CTEC webpage
 - Create content for page
 - Prototype feature for linking faculty with subject matter experts for guest lectures

