

Returning to Learn by Doing

Jeremy Miller

California Polytechnic State University
San Luis Obispo, California

The objective of my senior project was to help return the Cal Poly SLO Construction Management Department to their hands-on labs after the COVID-19 pandemic forced all learning to go virtual. To return to hands-on labs, I needed to create a set of protocols that faculty and staff could use before, during, and after the labs to prevent the spread of COVID-19. These protocols needed to be simple enough that professors could use them everyday and effective enough to make students feel safe to continue attending in-person labs. I worked with students and staff to create a set of adaptable protocols that best fit the construction management department's needs.

- These protocols gave professors a check list, before class, during class, and after class to help prevent the spread of COVID-19.
- Posting additional signage cost \$64.50 and created a help reminder to students on campus.
- 100% of responsive students claimed that the class took the necessary protocols to prevent the spread of COVID-19. 90% expressed it should be held again in winter.
- The SLO county health department agreed that the CM department took all the necessary precautions to ensure that there was no outbreak and need for quarantine after one student tested positive.



Student Results

