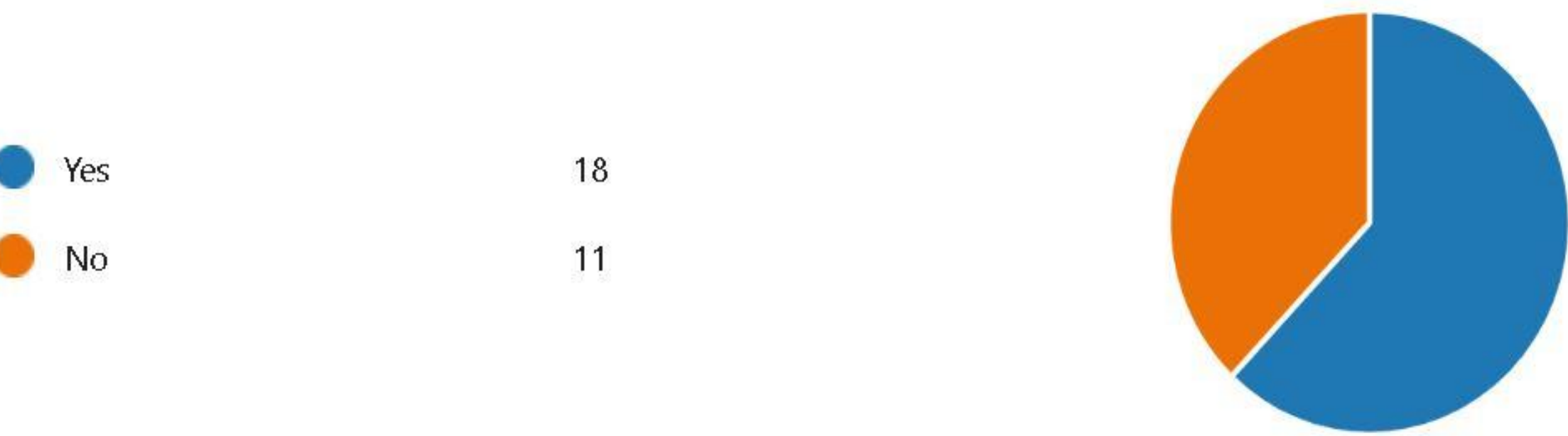


Survey Results

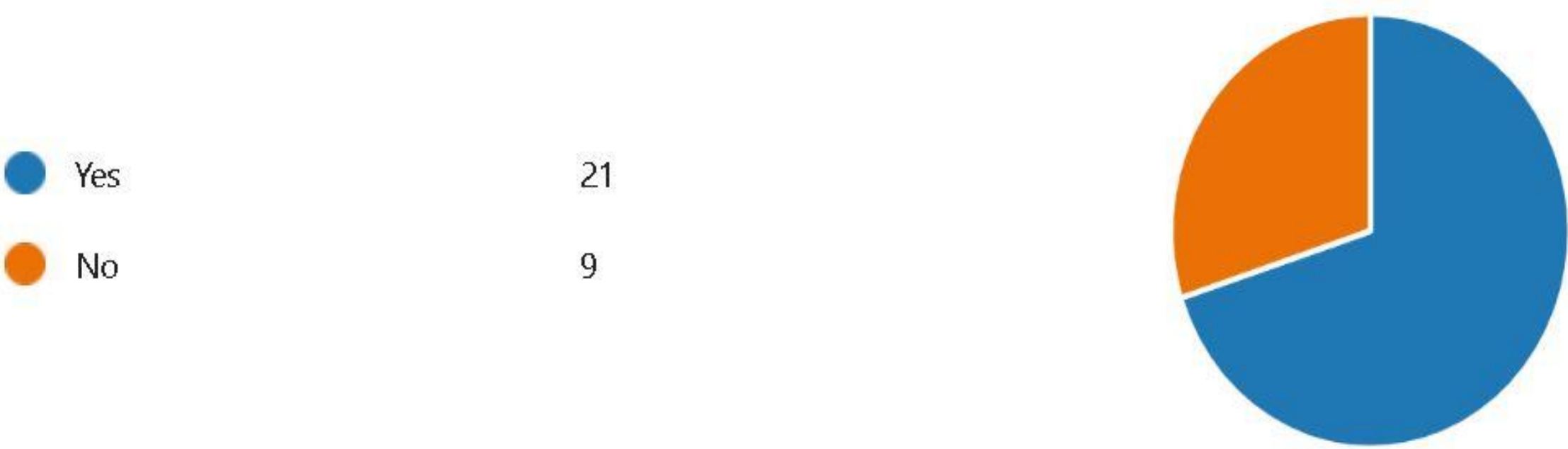
From your experience with CM 239 or BRAE 239, do you believe that the skill sets that you gained with drone usage were sufficient enough to apply in the construction industry?



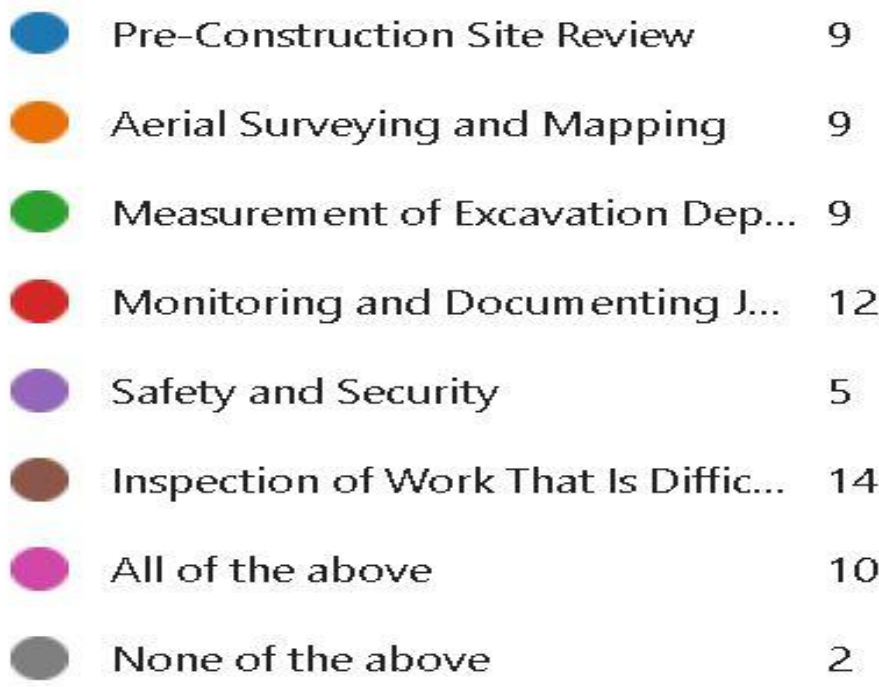
Based on your exposure upon drone usage either through a past internship experience or class, has this sparked an interest in obtaining a drone certification/license?



If the Construction Management Department would incorporate a Drone Certification course, would you be interested in taking this course?



Which of the following topics would interest you if this course were to be created? (Please select all that apply)



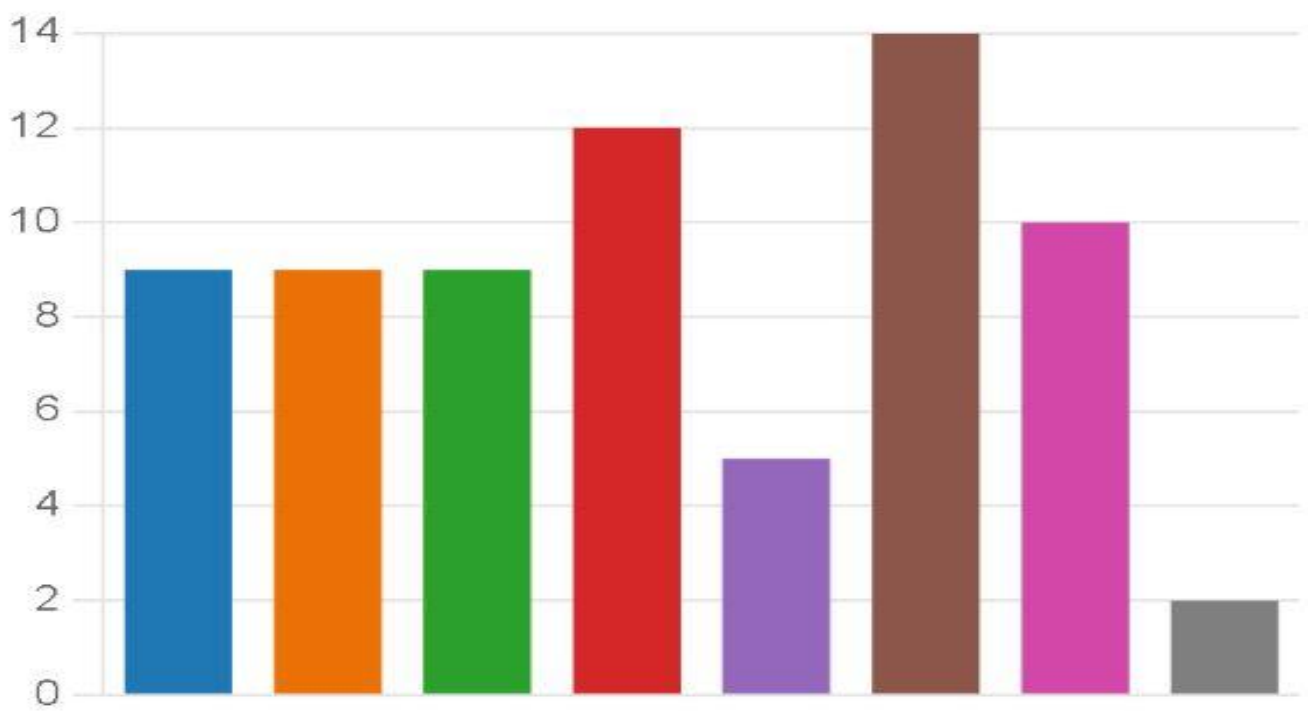
Determining the Interest for a Drone Certification Course

Joel Ventura
California Polytechnic State University
San Luis Obispo, California

Abstract

The purpose of this study is to explore the interest of the Construction Management students at California Polytechnic State University, San Luis Obispo with drone usage and acquiring a drone license. This research paper analyzes students' prior skill sets that were gained from a past internship or class and if that exposure to drones is enough for them to apply those skills in the construction industry. A survey was conducted to inform the Construction Management Department of the students interest in a Drone Certification course and what topics the students would like to see covered. The survey consisted of 12 questions, it was shared with Construction Management students and any Civil, Mechanical, and BioResource & Agriculture Engineering students who have had a prior internship within the construction industry. The survey collected responses from 30 students at California Polytechnic State University, San Luis Obispo and the results prove that the students would want for the department to develop a Drone Certification Course.

Keywords: Drone Usage, Construction, Drone Course, Career Path, Certification/License



Conclusion

This survey proves that the CM students at Cal Poly San Luis Obispo are interested in a Drone Certification course.

Students believe that the Drone skill sets gained from CM 239 or BRAE 239 are not sufficient enough to apply in the construction industry.

70% of students would take a Drone Certification course.

The top 2 topics that students would be interest in learning about are the following:

- 1) Inspection of work that is difficult or dangerous for humans to inspect
- 2) Monitoring and documenting jobsite progress

Drone Certification Advantages

Beneficial to the Construction Industry

Resume Builder

Expands career path opportunities

Joel Ventura
jventu02@calpoly.edu