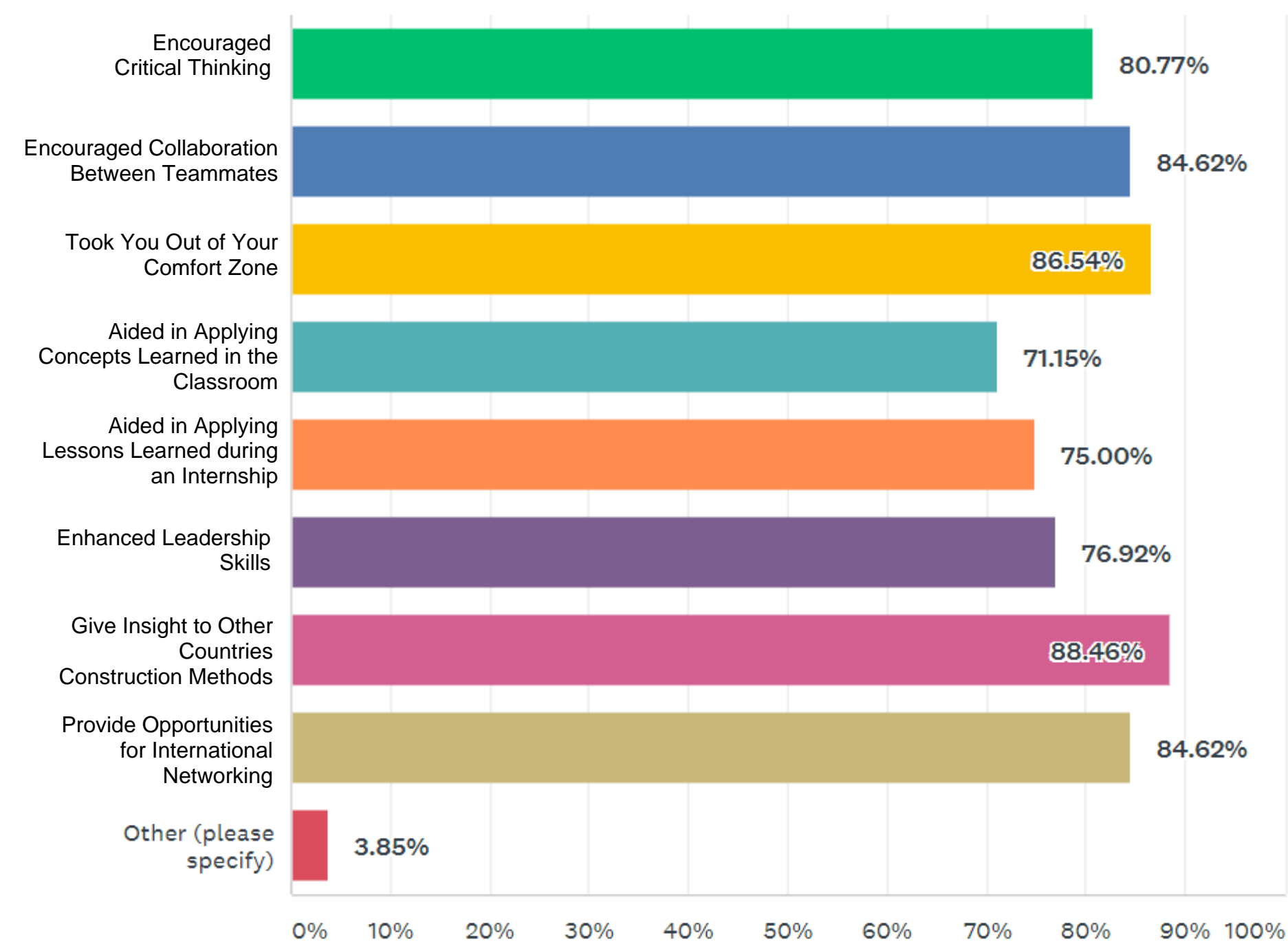


CIOB Global Student Challenge – Evaluation of Virtual and International Competitions Aimed at the Construction Management Curriculum

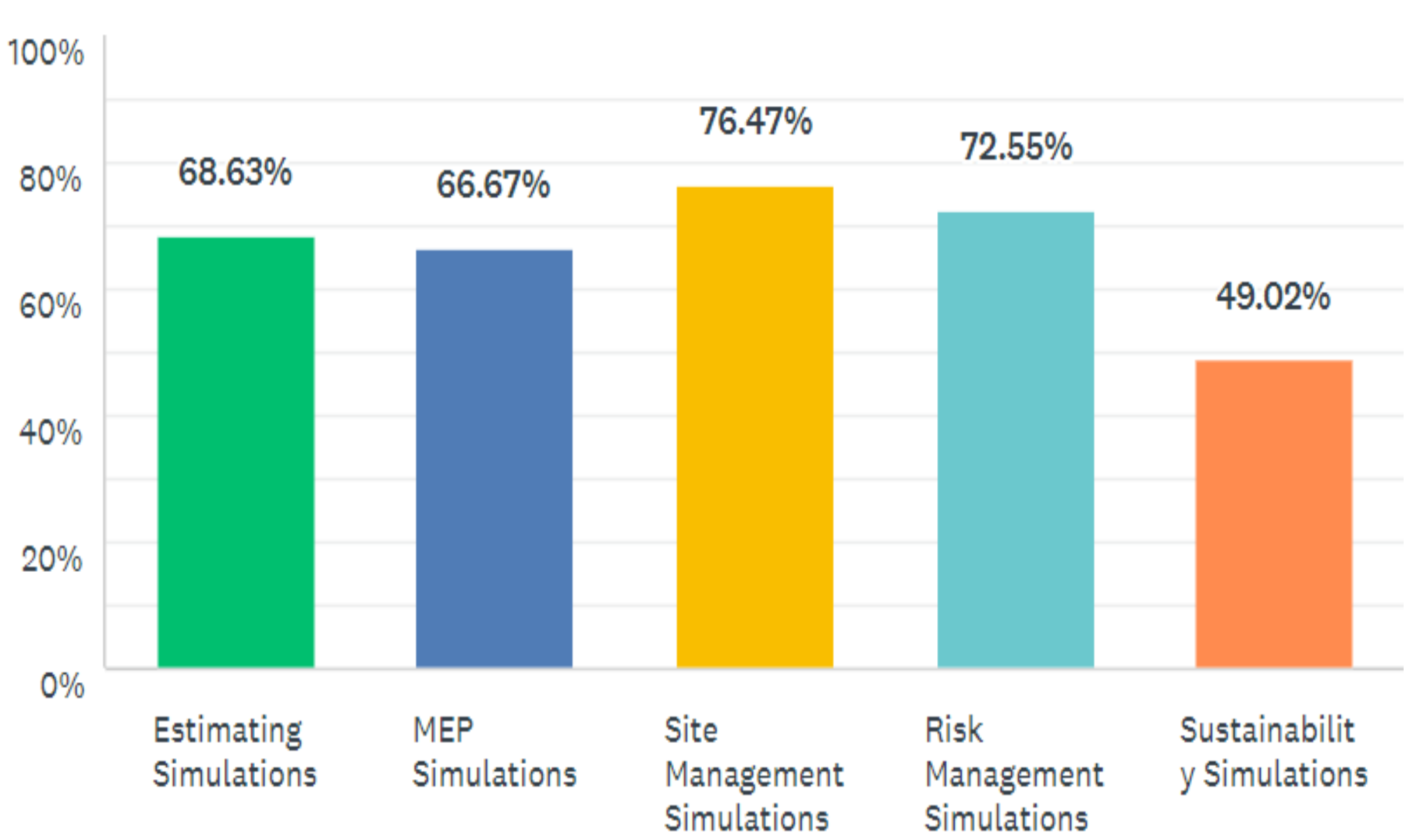


Benefits of International Competitions



Each year the Chartered Institute of Building hosts a six-week virtual competition called the Global Student Challenge. Myself and three other Cal Poly Construction Management students competed in this competition. This challenge was an international competition that gave students the ability to manage their own construction company. This competition is the gateway to enhancing higher-level education through academic competitions. Students competitions, such as the ASC competitions, have been shown to improve academic success as Cal Poly’s Learn by Doing methodology is utilized. However, the largest flaw with academic competitions is the negative impact on classes outside of construction management. The purpose of this project is to incorporate more international and more virtual academic competitions into the Construction Management curriculum. A literary review as well as a survey was conducted to analyze student interest and assess the pros and cons of academic competitions, as well as the virtual and international applications. After a through investigation it is shown that students and professionals believe a virtual competition and an international competition will be beneficial not only to a student’s education but to their career paths as well.

Student Interest in Virtual Simulations



Keywords: Academic Competitions, International Competitions, Virtual Simulations, Student Success, Cal Poly Construction Management Department

Overheads Manager – Manny Gonzalez

The role of the overheads manager is to set staffing level for the company’s departments and analyze the market.



Financial Manager – George King

The role of the financial manager is to utilize the company’s assets that reflect positively on the company, protect the interests of the shareholders, and monitor the companies’ investments.



Construction Manager – Jacob Navarre

The role of the construction manager is to manage the site costs of each job, ensure each site contains the adequate work force, and effectively utilize laborers and subcontractors between jobsites.



Estimator Manager – Nicklaus Wilcots

The role of the estimating manager is to determine the jobs to cost, estimate the costs and risks of the jobs, and determine the complexity of the costing to attain high confidence in the estimates.



Nicklaus Wilcots
California Polytechnic State University
San Luis Obispo, California
nwilcots@calpoly.edu