

STEEL BRIDGE

ANDREW PENA CE'18
MILES BARBER CE'18

ADVISORS: PROFS. COSMOS TZAVELIS
AND NEAL SIMON KWONG



The National Student Steel Bridge Competition challenges students to design, fabricate, and build a bridge no longer than three feet, made entirely of steel members. The competition is split up into regions in which local teams compete for spots in the national competition. The Cooper Union competes in the Metropolitan Region against other schools from NYC and NJ. The bridge is judged based on its total weight, how quickly it is assembled, and how much it deflects under the applied load. This year, the Cooper Union team chose a deck cantilever bridge with T slot connections as the final design. The team were victors at the 2017 regional competition and will take their winning design to the national competition.

WORK SPACE **SHOWCASE**

THE COOPER UNION ANNUAL STUDENT EXHIBITION
ACADEMIC YEAR 16/17