



Student Steel Bridge Competition - Category Ranking

Competition:	Metropolitan
Location:	Ewing, New Jersey
Date:	Saturday, April 18, 2026
Die Roll Result:	7

Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Columbia University	Pass	11.4	Failed lateral load test
New York City College of Technology	Pass	10.8.2	Construction Time Limit Exceeded. 45 minutes
Rowan University	Pass	10.8.2	Construction Time Limit Exceeded. 45 minutes
New Jersey Institute of Technology	Pass	None	
College of New Jersey	Stopped	None	
Stony Brook University	Pass	None	
Manhattan College	Pass	None	
New York University Tandon School of Engineering	Pass	None	
Rutgers University	Pass	None	
Cooper Union	Pass	None	

Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
New Jersey Institute of Technology	Pass	7.75	1
New York University Tandon School of Engineering	Pass	9.42	2
Cooper Union	Pass	18.93	3
Rutgers University	Pass	23.15	4
Manhattan College	Pass	186.50	5
Stony Brook University	Pass	188.50	6
College of New Jersey	Stopped	22.40	7
Columbia University	Pass	33.95	NR
Rowan University	Pass	9999.00	NR
New York City College of Technology	Pass	9999.00	NR

Lightness

Full Name	Loading Status	Weight (lbs)	Rank
New Jersey Institute of Technology	Pass	170.5	1
New York University Tandon School of Engineering	Pass	227.9	2
Rutgers University	Pass	247.1	3
Cooper Union	Pass	266.3	4
Stony Brook University	Pass	477.6	5
Manhattan College	Pass	524.0	6
College of New Jersey	Stopped	272.8	7
Columbia University	Pass	461.8	NR
Rowan University	Pass	320.0	NR
New York City College of Technology	Pass	0.0	NR

Aesthetics

Full Name	Loading Status	Score	Rank
Stony Brook University	Omitted	Omitted	1
New Jersey Institute of Technology	Omitted	Omitted	2
Cooper Union	Omitted	Omitted	3
New York University Tandon School of Engineering	Omitted	Omitted	4
Columbia University	Omitted	Omitted	5

College of New Jersey	Omitted	Omitted	6
Rutgers University	Omitted	Omitted	7
Manhattan College	Omitted	Omitted	8
Rowan University	Omitted	Omitted	9
New York City College of Technology	Omitted	Omitted	10

Stiffness

Full Name	Loading Status	Agg D (in)	Rank
New York University Tandon School of Engineering	Pass	0.62	1
Cooper Union	Pass	0.67	2
Manhattan College	Pass	1.11	3
Rutgers University	Pass	2.25	4
New Jersey Institute of Technology	Pass	2.69	5
Stony Brook University	Pass	2.70	6
College of New Jersey	Stopped	10.00	7
Columbia University	Pass	0.00	NR
Rowan University	Pass	0.00	NR
New York City College of Technology	Pass	0.00	NR

Cost Estimate

Full Name	Loading Status	Estimate	Rank
Cooper Union	Pass	\$ 775,123.01	1
New York University Tandon School of Engineering	Pass	\$ 1,712,438.66	2
Rutgers University	Pass	\$ 3,785,660.74	3
New Jersey Institute of Technology	Pass	\$ 12,944,170.72	4
Stony Brook University	Pass	\$ 135,414,406.47	5
Manhattan College	Pass	\$ 143,488,446.13	6
College of New Jersey	Stopped	\$ 53,978,946.60	7
Columbia University	Pass	\$ 29,647,903.72	NR
Rowan University	Pass	\$ 7,520,933,667.00	NR
New York City College of Technology	Pass	\$ 6,380,103,520.00	NR

Economy

Full Name	Loading Status	Cc	Rank
New Jersey Institute of Technology	Pass	\$ 3,927,500.00	1
New York University Tandon School of Engineering	Pass	\$ 4,740,333.33	2
Cooper Union	Pass	\$ 9,572,366.67	3
Rutgers University	Pass	\$ 11,164,300.00	4
Manhattan College	Pass	\$ 140,515,000.00	5
Stony Brook University	Pass	\$ 141,215,000.00	6
College of New Jersey	Stopped	\$ 12,161,000.00	7
Columbia University	Pass	\$ 20,568,000.00	NR
Rowan University	Pass	\$ 7,679,232,000.00	NR
New York City College of Technology	Pass	\$ 6,399,360,000.00	NR

Efficiency

Full Name	Loading Status	Cs	Rank
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New York University Tandon School of Engineering	Pass	\$ 3,547,228.01	1
Cooper Union	Pass	\$ 4,012,006.34	2
Manhattan College	Pass	\$ 6,473,446.13	3
Rutgers University	Pass	\$ 9,621,360.74	4
New Jersey Institute of Technology	Pass	\$ 20,464,126.72	5
Stony Brook University	Pass	\$ 23,147,672.47	6
College of New Jersey	Stopped	\$ 57,817,946.60	7
Columbia University	Pass	\$ 2,194,121.28	NR
Rowan University	Pass	\$ 1,400,000.00	NR
New York City College of Technology	Pass	\$ 0.00	NR

Overall

Full Name	Loading Status	Cc + Cs	Rank
New York University Tandon School of Engineering	Pass	\$ 8,287,561.34	1
Cooper Union	Pass	\$ 13,584,373.01	2
Rutgers University	Pass	\$ 20,785,660.74	3
New Jersey Institute of Technology	Pass	\$ 24,391,626.72	4
Manhattan College	Pass	\$ 146,988,446.13	5
Stony Brook University	Pass	\$ 164,362,672.47	6
College of New Jersey	Stopped	\$ 69,978,946.60	7
Columbia University	Pass	\$ 22,762,121.28	NR
Rowan University	Pass	\$ 7,680,632,000.00	NR
New York City College of Technology	Pass	\$ 6,399,360,000.00	NR

