



Student Steel Bridge Competition - Category Ranking

Competition:	Metropolitan
Location:	Newark, New Jersey
Date:	Saturday, April 26, 2025
Die Roll Result:	8

Not Ranked

Full Name	Loading Status	Ineligibility	Reason
Stony Brook University	Pass	None	
College of New Jersey	Pass	None	
Rutgers University	Pass	None	
New York University Tandon School of Engineering	Pass	None	
New York City College of Technology	Stopped	None	
New Jersey Institute of Technology	Pass	None	
Cooper Union	Pass	None	
Manhattan College	Pass	None	

Construction Speed

Full Name	Loading Status	Time (minutes)	Rank
College of New Jersey	Pass	9.58	1
New Jersey Institute of Technology	Pass	15.35	2
Manhattan College	Pass	18.95	3
New York University Tandon School of Engineering	Pass	19.02	4
Cooper Union	Pass	22.12	5
Rutgers University	Pass	28.10	6
Stony Brook University	Pass	198.75	7
New York City College of Technology	Stopped	185.75	8

Lightness

Full Name	Loading Status	Weight (lbs)	Rank
Cooper Union	Pass	206.4	1
New Jersey Institute of Technology	Pass	339.5	2
Manhattan College	Pass	374.9	3
New York University Tandon School of Engineering	Pass	393.8	4
Rutgers University	Pass	422.2	5
College of New Jersey	Pass	425.1	6
Stony Brook University	Pass	1026.6	7
New York City College of Technology	Stopped	247.6	8

Aesthetics

Full Name	Loading Status	Score	Rank
College of New Jersey	Omitted	Omitted	1
New Jersey Institute of Technology	Omitted	Omitted	2
Manhattan College	Omitted	Omitted	3
Rutgers University	Omitted	Omitted	4
New York University Tandon School of Engineering	Omitted	Omitted	5
Cooper Union	Omitted	Omitted	6
Stony Brook University	Omitted	Omitted	7
New York City College of Technology	Omitted	Omitted	8

Stiffness

Full Name	Loading Status	Agg D (in)	Rank
Cooper Union	Pass	0.79	1
Manhattan College	Pass	0.96	2
New York University Tandon School of Engineering	Pass	1.09	3
College of New Jersey	Pass	1.48	4
Rutgers University	Pass	1.54	5
New Jersey Institute of Technology	Pass	2.57	6
Stony Brook University	Pass	4.01	7
New York City College of Technology	Stopped	10.00	8

Cost Estimate

Full Name	Loading Status	Estimate	Rank
Manhattan College	Pass	\$ 1,859,567.56	1
New York University Tandon School of Engineering	Pass	\$ 3,389,059.38	2
Rutgers University	Pass	\$ 3,394,897.38	3
College of New Jersey	Pass	\$ 4,742,394.88	4
New Jersey Institute of Technology	Pass	\$ 9,483,487.95	5
Cooper Union	Pass	\$ 37,020,199.67	6
Stony Brook University	Pass	\$ 168,794,696.66	7
New York City College of Technology	Stopped	\$ 150,881,642.49	8

Economy

Full Name	Loading Status	Cc	Rank
New York University Tandon School of Engineering	Pass	\$ 6,726,000.00	1
College of New Jersey	Pass	\$ 8,625,000.00	2
New Jersey Institute of Technology	Pass	\$ 10,653,000.00	3
Manhattan College	Pass	\$ 13,581,000.00	4
Cooper Union	Pass	\$ 15,211,000.00	5
Rutgers University	Pass	\$ 26,692,500.00	6
Stony Brook University	Pass	\$ 243,225,000.00	7
New York City College of Technology	Stopped	\$ 115,125,000.00	8

Efficiency

Full Name	Loading Status	Cs	Rank
Cooper Union	Pass	\$ 4,175,883.33	1
New York University Tandon School of Engineering	Pass	\$ 6,238,059.38	2
Manhattan College	Pass	\$ 6,278,567.56	3
College of New Jersey	Pass	\$ 7,768,784.12	4
Rutgers University	Pass	\$ 9,456,997.38	5
New Jersey Institute of Technology	Pass	\$ 11,865,357.95	6
Stony Brook University	Pass	\$ 37,242,119.66	7
New York City College of Technology	Stopped	\$ 61,846,642.49	8

Overall

Full Name	Loading Status	Cc + Cs	Rank
New York University Tandon School of Engineering	Pass	\$ 12,964,059.38	1
College of New Jersey	Pass	\$ 16,393,784.12	2
Cooper Union	Pass	\$ 19,386,883.33	3
Manhattan College	Pass	\$ 19,859,567.56	4
New Jersey Institute of Technology	Pass	\$ 22,518,357.95	5
Rutgers University	Pass	\$ 36,149,497.38	6
Stony Brook University	Pass	\$ 280,467,119.66	7
New York City College of Technology	Stopped	\$ 176,971,642.49	8